

WELLESLEY
COLLEGE

Bulletin of Wellesley College

September 1972

WELLESLEY
COLLEGE

Bulletin Of Wellesley College



Catalogue Number
September, 1972

Bulletin published eight times a year by Wellesley College, Green Hall, Wellesley, Mass. 02181. September, one; October, one; November, two; January, one; March, one; April, one; May, one.

VOLUME 62

NUMBER 1

CONTENTS

Academic Calendar 1972-1973	3
The College	13
Admission	15
Fees, Financial Aid, Fellowships	21
Student Life	30
Map of the Campus	46
The Curriculum	51
Courses of Instruction	64
Officers of Instruction	239
Administration	251
Alumnae Interests	255
Index	261

Academic Calendar 1972-1973

First Semester	Sunday	September 10	Registration for freshmen
	Tuesday	September 12	Registration for upperclassmen
	Wednesday	September 13	Convocation
	Thursday	September 14	Classes begin
	Wednesday	November 22	Thanksgiving recess begins after classes
	Sunday	November 26	Thanksgiving recess ends
	Friday	December 15	Classes end
	Friday	December 15	Christmas vacation begins after classes
	Monday	January 1	Christmas vacation ends
	Tuesday	January 2	Reading period begins
	Tuesday	January 9	Reading period ends
	Wednesday	January 10	Examinations begin
	Tuesday	January 16	Examinations end
	Tuesday	January 16	Winter recess begins after examinations
	Sunday	January 28	Winter recess ends

Second Semester	Monday	January 29	Classes begin
	Friday	March 23	Spring vacation begins after classes
	Sunday	April 1	Spring vacation ends
	Friday	May 4	Classes end
	Saturday	May 5	Reading period begins
	Sunday	May 20	Reading period ends
	Monday	May 21	Examinations begin
	Saturday	May 26	Examinations end
	Saturday	June 2	Commencement

Correspondence

General interests of the College
President

Academic policies and programs
Dean of the College

Residence; health services; counseling
Student Services

Admission of undergraduate students
Director of Admission

Study abroad; students from abroad
Dean of Foreign Study

Exchange programs
Exchange Coordinator

Admission of graduate students
Dean of the College

Continuing education
Director of Continuing Education

Individual students
Class Deans

Financial aid
Financial Aid Officer

College fees
Controller

Employment of students and alumnae
Director of Career Services

Transcripts of records
Recorder

Catalogues
Office of Admission

Business matters
Vice President for Business Affairs

Gifts and bequests
Vice President for Resources

Alumnae interests
Executive Director, Alumnae Association

Address:
Wellesley College
Wellesley, Massachusetts 02181
(617) 235-0320

Visitors

Wellesley welcomes visitors to the College. The administrative offices in Green Hall are open Monday through Friday, 8:30 a.m. to 4:30 p.m. and by appointment on Saturday mornings during term time. Special arrangements for greeting prospective students will also be made during holiday and vacation periods. Rooms for alumnae, parents of students, or prospective students, are available on the campus in the Wellesley College Club, and may be reserved by writing the club manager.

Student guides are happy to provide tours for visitors. In order to arrange for a mutually convenient time for interviews with professional members of the Board of Admission and student interviewers, prospective students and their parents are requested to make such appointments well in advance of their intended visit.

BOARD OF TRUSTEES

Nelson J. Darling, Jr. LL.B.
Chairman of the Board
Swampscott, Mass.

Betty Freyhof Johnson M.A.
Vice Chairman
Cincinnati, Ohio

John Kenneth Spring M.B.A.
Treasurer of Wellesley College
Concord, Mass.

Betsy Ancker-Johnson Ph.D.
Seattle, Wash.

Erwin Dain Canham M.A. (Oxon.)
Boston, Mass.

Harriet Segal Cohn B.A.
Brookline, Mass.

Ann Rockefeller Coste B.A.
New York, N.Y.

Lee Diane Flourney B.A.
Princeton, N. J.

Barbara Buckstein Green Ph.D.
Shaker Heights, Ohio

Anne Cohen Heller M.D.
New York, N. Y.

James T. Hill, Jr. LL.B.
New York, N. Y.

Walter Hunnewell, Jr. M.B.A.
Wellesley, Mass.

Barbara Loomis Jackson Ed.D.
Cambridge, Mass.

Carol G. Johnson Johns M.D.
Baltimore, Md.



Howard Wesley Johnson M.A.
Cambridge, Mass.

Mary Gardiner Jones LL.B.
Washington, D. C.

Hilda Rosenbaum Kahne Ph.D.
Lexington, Mass.

Mildred Lane Kemper B.A.
Kansas City, Mo.

George Howell Kidder LL.B.
Concord, Mass.

Suzanne Carreau Mueller B.A.
New York, N. Y.

Samuel H. Proger M.D.
Brookline, Mass.

George Putnam M.B.A.
Manchester, Mass.

Rose Clymer Rumford B.A.
Baltimore, Md.

Mary Ann Dilley Staub B.A.
Glencoe, Ill.

Nancy Angell Streeter B.A.
New York, N. Y.

Mary Sime West B.A.
New York, N. Y.

Henry Austin Wood, Jr. M.B.A.
Boston, Mass.

Barbara W. Newell Ph.D., ex officio
President of Wellesley College
Wellesley, Mass.

Barbara Barnes Hauptfuhrer B.A., ex officio
President of the Wellesley College Alumnae Association
Huntingdon Valley, Pa.

Trustees Emeriti

The Hon. Charles C. Cabot LL.B.
Dover, Mass.

The Rev. Palfrey Perkins D.D.
Boston, Mass.

John R. Quarles J.D.
Wellesley, Mass.



PRESIDENTS

ADA HOWARD	1875-1881
ALICE FREEMAN PALMER	1881-1887
HELEN SHAFER	1887-1894
JULIA IRVINE	1894-1899
CAROLINE HAZARD	1899-1910
ELLEN FITZ PENDLETON	1911-1936
MILDRED McAFEE HORTON	1936-1949
MARGARET CLAPP	1949-1966
RUTH M. ADAMS	1966-1972
BARBARA W. NEWELL	1972-



The College



THE COLLEGE

Wellesley College is a residential liberal arts college for women situated on a large suburban campus in the township of Wellesley, Massachusetts, 12 miles from Boston. Approximately 1750 students are enrolled each year.

Above all, Wellesley strives to provide an excellent education. Faculty and students have a high regard for scholarship, coupled with a concern for contemporary social problems. They share a similar interest in providing an atmosphere for personal growth as well as intellectual achievement. Wellesley's faculty live, for the most part, on or near the campus, and are readily available to students outside of the classroom. The ratio of faculty to students is one to ten.

Wellesley College opened in 1875, after years of preparation by Mr. and Mrs. Henry Fowle Durant. It was Mr. Durant's hope that, by providing educational opportunities of the kind then available only to men, women could prepare themselves for "great conflicts and vast social reforms." This is still the hope and the goal.

The College staff tries to implement this goal by working cooperatively with students. The present College Government, composed of students, faculty, and administrators, was created by an Agreement between faculty and students in 1918. Although this Agreement has been amended over the years it still provides the basic governmental structure of the College.

The College Government legislation assigns to the Senate responsibility for all nonacademic matters affecting the student body. Students form a majority of the Senate, and are the only voting members. Academic affairs are the concern of the Academic Council comprising most of the faculty, some administrators, and some nonvoting student members. A Chief Justice, elected from the student body, presides over the judicial system. In addition, students sit on most major policy-making committees, including the President's Advisory Council and the committees of the Board of Trustees.

Wellesley provides the opportunity for both urban and suburban living. It has a beautiful campus. Boston is nearby, and students go often to art galleries, symphony, theatres, shopping, or for volunteer or paid work.

Wellesley has no specific required courses. The curriculum is arranged so that each student may explore various fields, developing a primary interest which is expressed in the selection of a major program in the last two years. The College has limited cross-registration with the Massachusetts Institute of Technology and Wellesley students may take courses at MIT, and MIT students at Wellesley. Through the Twelve College Exchange Program Wellesley and eleven other colleges exchange students who may live and study on another campus for a semester or a year without additional cost.

Wellesley students traditionally come from diverse backgrounds and from many parts of the world besides the United States. Students encounter a wide range of points of view, academic disciplines, and special interests which stimulate and strengthen their own combinations of interests and talents.

Happily, Wellesley has the physical resources to support these interests and talents. The present College is in marked contrast to the small faculty and student body, the one building, the collection of only 8000 books, and the restricted social life with which Wellesley began. The quiet beauty of the campus remains unchanged after nearly one hundred years – while symbolizing the best of the traditional, it provides the setting for innovation and growth.

ADMISSION

Criteria for Admission

The Board of Admission at Wellesley is composed of representatives of the faculty, the administration, and the students. In selecting the candidates who will comprise the student body, this Board considers a number of factors. The candidates' high school records, rank in class, scholastic aptitude, achievement and intelligence test scores, letters of recommendation from teachers and principals, the students' statements about themselves and their future, and the interview reports of the staff, alumnae, and student interviewers are all carefully reviewed. The Board also considers special interests and talents, as well as social and political concerns.

No one factor alone nor all of them together provide an objective basis on which to select candidates for admission. Each factor must be evaluated with care and sensitivity. For example, College Board scores may be influenced by the student's previous experience with timed examinations, and these tests, of course, do not necessarily measure potential and certainly not motivation or creativity.

The Board of Admission considers each of these factors and chooses students who will be able to perform academic work at the level required at Wellesley, and who

have the potential to benefit from, and to contribute to, the type of education offered at Wellesley. The Board is determined to use criteria which will assure that admitted students will be able to meet the standards for graduation. These criteria also are sufficiently flexible to make certain that creativity, strong potential, and high motivation are given appropriate consideration.

General Requirements for Freshman Applicants

Wellesley College does not require a fixed plan of secondary school courses as preparation for its program of studies. Entering students normally have completed four years of college preparatory studies in secondary school. Good preparation includes training in clear and coherent writing and in interpreting literature, training in the principles of mathematics (usually a minimum of three years), competence in at least one foreign language, ancient or modern (usually achieved through three or four years of study), and experience in at least one laboratory science and in history.

Students planning to concentrate in mathematics, in premedical studies, or in the natural sciences, are urged to pursue additional studies in mathematics. Students planning to concentrate in language or literature are urged to study a modern foreign language and Latin or Greek.

There are always exceptions to the preparation suggested here, and the Board will also consider an applicant whose educational background varies from this general description.

The Application

Application forms may be secured from the Board of Admission. A fee of \$15 must accompany the formal application. This fee is not refunded if a candidate withdraws her application or is not admitted. In special circumstances the application fee may be waived.

The Interview

A personal interview is required of each applicant. If it is not possible for candidates to come to the College for an interview, they should write the Board of Admission for the name of a local alumna interviewer. A campus interview with a Wellesley College student interviewer can also be arranged.



Campus Visit

Students who are seriously considering Wellesley will have a fuller understanding of student life at Wellesley if they can arrange to spend a day on campus. Candidates are welcome to visit classes, eat in the dormitories, and talk informally with Wellesley students. Prospective students who plan to spend some time exploring the College are urged to let the Board of Admission know in advance so that tours, interviews, meals, and attendance at classes can be arranged before arrival on campus. _____

College Entrance Examination Board Tests

The Scholastic Aptitude Test and three Achievement Tests of the College Entrance Examination Board (CEEB) are required of all applicants for admission. Among the Achievement Tests, the English Composition Test is required and the two other tests may be chosen from two of the following fields: 1) foreign languages 2) social studies 3) either mathematics or science.

Each applicant is responsible for arranging to take the tests and for requesting CEEB to send to Wellesley College the results of all tests taken. CEEB sends its publications and the necessary registration forms to apply for the tests to all American secondary schools and many centers abroad. The applicant may obtain the registration form at school, or may obtain it by writing directly to CEEB, Box 592, Princeton, New Jersey 08540; or in western United States, western Canada, Australia, Mexico, or the Pacific Islands, to CEEB, Box 1025, Berkeley, California 94701.

It is wise to register with CEEB approximately seven to eight weeks before the test dates.

Dates of CEEB Tests:

November 4, 1972 (Scholastic Aptitude Test only)

December 2, 1972

January 13, 1973

March 3, 1973

April 7, 1973 (Scholastic Aptitude Test only)

May 5, 1973 (Achievement Tests only)

July 14, 1973



Admission Plans

1. Early Decision

This plan is intended for students who decide early that Wellesley is the college they wish to attend and who agree to file no other college application until after receiving a decision from the Wellesley Board of Admission. The appropriate CEEB tests should be taken prior to the beginning of the senior year in secondary school and candidates must apply and complete the form Request for Early Decision by October 15 of the senior year. All supporting credentials and an interview must be completed by November 1. These candidates will receive a decision from the Board of Admission by December 1.

2. April Decision

A candidate who uses the regular plan of admission must file an application by January 1 of the year for which she is applying. Applicants will be notified of the Board's decisions in April. Applicants for regular admission may take Scholastic Aptitude Tests and Achievement Tests any time from March of the junior year through January of the senior year. Results of tests taken after January arrive too late for consideration by the Board of Admission.

3. Early Admission

Students who have completed only three years of high school and who have demonstrated academic strength and personal and social maturity are considered for admission under the Early Admission Plan. It is preferable that these candidates have their interviews at the College, if distance permits. In all other respects they follow the regular procedures for entrance.

Americans Living Abroad

For American citizens living in other countries the entrance requirements and procedures for making application are the same as for applicants within the United States.

Students from Other Countries

The College welcomes applications from students who have outstanding secondary school records and who have completed the equivalent of the entrance requirements for Americans. In some cases, advanced credit is granted for successful completion of a university matriculation course. Foreign students must apply by January 15 of the year in which the student plans to enter college.

Admission is for September entrance only. There is no application fee for foreign students. Specific instructions for applying to Wellesley from abroad are contained in a special brochure *Information for Students from Abroad* which may be obtained by writing to the Board of Admission.

The Slater One Year Fellowship Program is open to qualified foreign students, primarily from western Europe, who wish to spend a year at Wellesley to increase their competence in American studies while preparing for a degree in their home university. Slater Fellows receive the full cost of tuition, room and board from the College. Applicants may obtain the necessary forms from the dean of foreign study.

Admission of Transfer Students

Wellesley College accepts transfer students in either the first or second semester. They must offer excellent academic records and strong recommendations from their dean and instructors. Incoming sophomores and juniors, and a limited number of second semester freshmen, are eligible to apply. Students wishing to apply for admission with advanced standing should make application before February 1 for entrance for the fall semester, and before November 15 for entrance for the spring semester, on forms which may be obtained from the Board of Admission. A nonrefundable application fee of \$15 should be sent with the completed application form.

The College will evaluate the transcripts of successful transfer applicants and accept for credit only those courses which are considered appropriate to the liberal arts curriculum. A Wellesley unit is equivalent to four semester hours, and some transfer students may have to carry more than four courses per semester in order to complete their degree requirements within four years. Incoming juniors, in particular, should be aware that Wellesley requires evidence of proficiency in one foreign language before the beginning of the senior year. In addition, all transfer students should note which disciplines are included in Groups A, B, and C as defined on p. 53 so that they can satisfy the distribution requirements for graduation.

Graduate Students

Wellesley is primarily an undergraduate institution. The departments of art and biological sciences accept a limited number of candidates for the M.A. degree. (See **Requirements for Degree of Master of Arts**, p. 63).

FEES FINANCIAL AID FELLOWSHIPS

FEES AND EXPENSES

An excellent education is expensive.

At Wellesley the fee represents approximately one-half of the cost to the College for each resident student. In past years the difference has been made up from gifts and income earned on endowment funds.

Annual Fee

\$3900 is the fee for tuition, board and room for the academic year 1972-73. In addition, there is a student activity fee of \$50. The College offers three plans of payment described on p. 23. In 1973-74 the comprehensive fee for tuition, board and room will be \$4250.

Student Activity Fee

The purpose of the student activity fee is to provide resources from which the student government organization can plan and implement the programs of student activities sponsored by various clubs and organizations on campus. The fee is nonrefundable.

Room Retainer Fee

Returning resident students must submit a room contract and \$100 to the controller by March 1 to reserve a room for the following year. This \$100 fee is applied against room and board charges for the following year and is not refundable after March 1.

Reservation Fee

\$200 reserves a place in the College for the student. It is due February 1 for Early Decision students and May 1 for all other entering students, and annually on July 1 for returning students. It is included in the annual fee of \$3900, and cannot be refunded for any reason.

General Deposit

\$50 is a general deposit paid by each entering student. The deposit is refunded after graduation or withdrawal and after deducting any unpaid special charges.

Special Fees and Expenses

These include the following:

An initial nonrefundable application fee: \$15.

Certain special fees and expenses listed in departmental descriptions, e.g., the cost of instrumental and vocal lessons given on p. 160.

A fee for each unit of work taken for credit in excess of five in any semester: \$325.

A fee for validating in September each unit of work done independently during the summer or taken in other institutions in excess of the units accepted for an automatic transfer: \$50.

An automobile parking fee per year: \$80.

Fees for laboratory breakage and any other damage incurred by a student.

A fee for dormitory room key, if not returned: \$5.

Nonresident and Graduate Student Fees

Detailed information on fees for nonresident and graduate students may be obtained by writing to the controller.

Plans of Payment

Detailed descriptions of plans are sent by the controller to the parents of entering students and to others upon request. It is necessary that all fees be paid in accordance with the specified plans before the student can begin or continue attendance, and all financial obligations to the College must be discharged before the diploma is awarded.

Although there are minor variations in the payment plans for April Decision and Early Decision students, the final due dates for each group are the same. A detailed schedule of payment plans for each group appears on the next page.

Plans of Payment

		Early Decision	April Decision	Returning Students
	Amount	Due	Due	Due
Annual Payment Plan				
Room retainer fee	\$ 100			March 1
Reservation fee	200	February 1	May 1	July 1
General deposit	50	February 1	May 1	
Balance				
for freshmen	3750	September 1	September 1	
for returning students	3650			September 1

Standard Plan				
Room retainer fee	\$ 100			March 1
Reservation fee	200	February 1	May 1	July 1
General deposit	50	February 1	May 1	
First semester fee				
for freshmen	1875	September 1	September 1	
for returning students	1775			September 1
Second semester fee				
for returning students	1875	January 15	January 15	January 15

Eight-Payment Plan				
Room retainer fee	\$ 100			March 1
Reservation fee	200	February 1	May 1	July 1
General deposit	50	February 1	May 1	
Eight equal payments on the first day of each month. This plan includes a \$20 service charge.				
For freshmen	3770	July 1 through	July 1 through	July 1 through
for returning students	3670	February 1	February 1	February 1

The College will accept payments made through any bank or trust company or recognized financing agency which will forward payments in accordance with the Standard Plan.

Payment for Students on Financial Aid

Except for the reservation fee, grants are usually applied equally against all tuition, board and room payments for the year. The remaining financial obligation must be paid in accordance with one of the approved plans. Students on financial aid who have difficulty meeting the scheduled payments outlined above should consult the financial aid officer.

Insurance

Information concerning optional health and accident insurance is automatically sent to all parents by the controller. Because of the high cost of medical care, parents are urged to subscribe to a comprehensive medical insurance plan.

Refunds

The reservation payment and the room retainer fee are not refundable after their due dates. Additional payments made before the opening of College in the fall are refundable only prior to that time.

The College necessarily makes commitments in advance for instruction and living arrangements and the parent or guardian is responsible for the entire fee for a semester if withdrawal or exclusion occurs after the start of the academic schedule. The only rebate in the event of withdrawal or exclusion is for the unused portion of the board rate which pertains to food cost (\$10 per week) for each remaining full academic week of the semester calculated from the week after the withdrawal or exclusion date.



In the event of withdrawal of a student on financial aid, the proceeds of all refunds are applied first to the scholarship account.

General Expenses

It is estimated that \$500 for the year will cover a student's general expenses including books and supplies, incidental fees, recreation and entertainment, laundry and dry cleaning, and some transportation, excluding trips to and from home. For the foreign student coming from abroad this figure is estimated at \$600.

FINANCIAL AID

The Wellesley College program of financial aid for students is intended to open educational opportunity to able students of diverse backgrounds regardless of their financial circumstances. No student should be discouraged from applying to Wellesley because of the need for financial aid. At Wellesley admission decisions are made without regard for financial need, and only after a student is admitted does the Committee on Financial Aid consider applications for aid. Over 30 percent of Wellesley students receive some financial aid from Wellesley funds.

The Wellesley College Students' Aid Society, which sponsors loans, also offers personal assistance through loans of books and other items, gifts of clothing, and loans of small amounts of money for incidental expenses and special emergencies.

Financial aid is given only to students who require assistance in order to attend. Awards vary in size according to individual need and may equal or exceed the comprehensive College fee. Although awards are generally granted for one year at a time, the College expects to continue aid as needed throughout the four years for all financial aid students who continue to have need and whose college records are satisfactory. Most awards consist of a package of a grant and a loan, plus work.

In addition to College grants, loans, and work, Educational Opportunity Grants, National Defense Student Loans, and Work-Study jobs are available to eligible students.

In the College Work-Study Program, a student may work on or off the campus for a public or private non-

profit organization during the academic year or summer. Students may work in diverse areas, for example, helping to develop community action programs, tutoring, doing research for local museums, staffing recreation centers.

The need for financial help always exceeds the amount of resources Wellesley has available in any given year. Therefore, students should, whenever possible, seek grants and/or loans through local, state, or federal programs, from educational foundations, and other private sources.

Wellesley College offers ten Town Scholarships to residents of the Town of Wellesley who qualify for admission and whose parents or guardian live in Wellesley. If these students live at home the scholarship is in the form of a full tuition grant. If these students choose to live on campus the amount of the scholarship is based on financial need and is determined by the same need criteria which apply to all other financial aid applicants.

The College expects students to contribute as much as possible to their own expenses through summer and term-time earnings. On-campus jobs under the Wellesley College and Federal Work-Study Programs are offered to all financial aid applicants. These jobs ordinarily involve five hours of work per week and enable students to earn approximately \$250 a year. In addition, the Career Services Office is often able to arrange for additional paid work during the academic year and summer.

Further information on financial aid at Wellesley is contained in the brochure *Opportunities for Financial Aid* which may be obtained by writing to the Financial Aid Officer, Wellesley College, Wellesley, Mass. 02181.

Application for Financial Aid

Each registered applicant for admission who is applying for financial aid must file two forms, the Wellesley College Application for Financial Aid and the Parents' Confidential Statement, during the senior year in high school, in the places listed below. Early Decision applicants must file by October 15; April Decision applicants by January 15; fall semester transfer applicants by February 15; and spring semester transfer applicants by November 30.

The Wellesley College form will be sent to candidates who indicated that they would like to apply for financial aid on the application for admission. It should be returned to the financial aid officer, Wellesley College. Application for financial aid must be renewed each year.

Parents' Confidential Statement

This form is available in the secondary schools, or may be obtained by writing to the College Scholarship Service, Box 176, Princeton, New Jersey 08540; Box 881, Evanston, Illinois 60204; or Box 1025, Berkeley, California 94701. A copy can also be provided by the financial aid officer if specifically requested by an applicant. The Parents' Confidential Statement should be filed with the College Scholarship Service which will then forward a copy for confidential use to the college or colleges indicated on the form.

FELLOWSHIPS AND GRADUATE SCHOLARSHIPS

A number of fellowships and graduate scholarships are open to graduating seniors and alumnae of Wellesley College, while others administered by Wellesley are open to women graduates of any American institution. In general, awards are made to applicants who plan full-time graduate study.

Information and application forms may be obtained from the Secretary to the Committee on Extramural Graduate Fellowships and Scholarships, Wellesley College. Applications and supporting credentials for fellowships are due by February 20, except where noted.

For Graduates of Wellesley College

Fellowships open to Wellesley College alumnae and graduating seniors are listed below. Each is awarded annually unless specified otherwise.

American School of Classical Studies in Athens awards three fellowships on a competitive basis. Qualified graduates are exempt from any charge for tuition at the American School of Classical Studies in Athens or in Rome.

Stipend: \$2000

Anne Louise Barrett Fellowship, preferably in music and primarily for study or research in musical theory, composition, or in the history of music; abroad or in the United States.

Stipend: \$2500

Professor Elizabeth F. Fisher Fellowship for research or further study in geology or geography, including urban, environmental or ecological studies. Awarded in alternate years. To be offered in 1972-73 for 1973-74.
Stipend: \$1000

Horton-Hallowell Fellowship for graduate study in any field, preferably in the last two years of candidacy for the Ph.D. degree, or its equivalent, or for private research of equivalent standard.
Stipend: \$3500

Edna V. Moffett Fellowship for a young alumna, preferably for a first year of graduate study in history. Awarded in alternate years. To be offered in 1972-73 for 1973-74.
Stipend: \$2500

Vida Dutton Scudder Fellowship for study in the field of social science, political science, or literature. Awarded in alternate years. To be offered in 1973-74 for the year 1974-75.
Stipend: \$3000

Sarah Perry Wood Medical Fellowship for the study of medicine. Renewable.
Stipend: \$3300

Trustee Scholarships are awarded on a competitive basis to four seniors who intend to pursue graduate studies. These scholarships are unrestricted as to field of study. The title Trustee Scholar is honorary and in cases of financial need stipends may be awarded to the scholars or, if not required by them, to alternates who need financial assistance. All applications and credentials are due by January 15. Recipients share a total annual stipend of \$6000.

Fanny Bullock Workman Scholarship for graduate study in any field.
Stipend: \$3000

Mary Elvira Stevens Traveling Fellowship for travel or study outside the United States. Any scholarly, artistic, or cultural purpose may be considered. Candidates must be at least 25 years of age on September 1 of the year in which the fellowship is first held. All applications must be filed with the Secretary to the Stevens Fellowship Committee before December 31.
Stipend: \$7000



For Graduates of Other Institutions Fellowships, Scholarships, and Assistantships

Some graduate fellowships and scholarships for study at the institution of the candidate's choice are administered by Wellesley College and are open to alumnae of any college, including Wellesley.

Several scholarships are available for candidates for the degree of Master of Arts at Wellesley.

Assistantships which provide stipends are available for candidates for the M.A. degree in biological sciences at Wellesley.

Alice Freeman Palmer Fellowship for study or research abroad or in the United States. The holder must be no more than 26 years of age at the time of her appointment, and unmarried throughout the whole of her tenure.

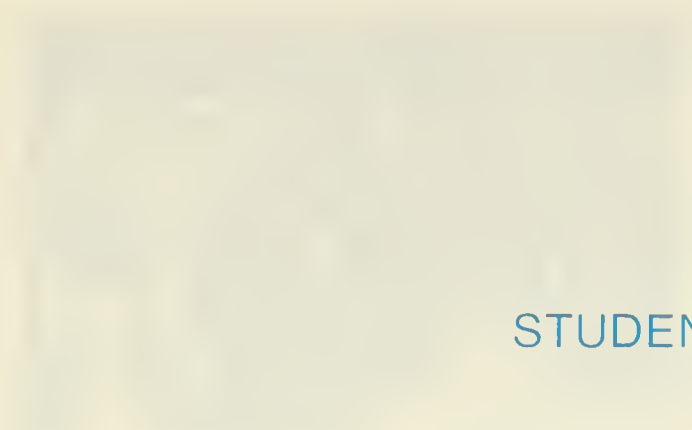
Stipend: \$3500

M. A. Cartland Shackford Medical Scholarship for the study of medicine with a view to general practice, not psychiatry. Renewable.

Stipend: \$3500

Harriet A. Shaw Scholarship for study or research in music and allied arts, abroad or in the United States. The candidate must be no more than 26 years of age at the time of her appointment. Preference given to music candidates; undergraduate work in history of art required of other candidates. Awarded in alternate years. To be offered in 1973-74 for the year 1974-75.

Stipend: \$3000



STUDENT LIFE

Registration

At the beginning of each semester resident students must register in their dormitories before their first scheduled classes, and nonresidents must register in the Information Bureau, Green Hall, before their first scheduled classes.

Orientation for Entering Students

Freshmen and transfer students arrive on campus a few days before most upperclassmen. Their orientation is planned by the class dean and a student committee which also returns early to help entering students become acquainted with the College.

During this week there are mixers, picnics, campus tours, and trips to Boston and Cambridge. The class schedules are distributed. All new students meet their class deans and advisors. The VII Junior in each dorm has special responsibility for helping the new students feel at home.

New students receive a handbook prepared by upperclassmen and a portrait directory which help them become acquainted quickly with the College and their classmates.



Residence

The College provides housing in 13 dormitories on campus, and although the majority of students choose to live in these residences, some students prefer to find their own housing off campus. The dormitories contain single rooms, double rooms, and suites. Small kitchenettes are located on most corridors for students to prepare snacks or to use when entertaining.

The cost of all rooms is the same, regardless of whether they are shared. Members of all four classes live in each dorm and share the dining and common rooms and the general life of the house. Students clean their own rooms and contribute two or three hours a week answering the telephones and doing other miscellaneous jobs which are scheduled by the student heads of work. Each dormitory has a nonstudent resident head of house. The visiting hours for guests are set by the students.

The College supplies a bed, desk, chair, lamp, bookcase, and bureau for each resident. Students may rent linen or supply their own. Students supply blankets and quilts and their own curtains, pictures, rugs, posters, and the rest of the delightful paraphernalia which turns the dorm room into a home away from home. Students may change dorms from year to year.

Advising

Students can receive advice and help from the College counselors and many others. The heads of house, class deans, faculty advisors, doctors and psychiatrists, the clinical psychologist, the human relations consultant,

the chaplain, Vil Juniors, the dean of foreign study, members of College Government, and others are there to try to help students with problems – both large and small.

Confidential problems are treated with respect, and students may feel secure knowing that a personal problem will remain confidential.

Supplementary Education

The College offers programs of academic assistance to all Wellesley College students. These include: tutoring, reading and study skills courses, diagnosis of study problems, and study counseling.

Religion

Wellesley seeks to respond sensitively to a variety of religious traditions. The College encourages independent religious involvement on the part of its students. Wellesley students may also major in religion and biblical studies, or take elective courses in these fields. Attendance at all worship services is voluntary.

The College chaplain is available to all students for religious guidance and personal counseling. He also officiates at regular Sunday morning worship, an ecumenically oriented Protestant service in Houghton Memorial Chapel, at which many distinguished men and women are invited to speak during the year. Other religious advisors representing several religious traditions are also available to students for counseling. The activities of various religious groups on campus as well as programs sponsored by the chaplain's office are open to all.

Temples, churches, and other religious organizations representing a great variety of ways of worship are available locally and in the greater Boston area.

College Health Services

The services of the College physicians, psychiatrists, and nurses are available to students at Simpson Infirmary, which includes a 29-bed hospital and an outpatient clinic. Boston has long been one of the major medical centers in the country, and consultation with specialists in all medical fields is easily available.

Besides the usual care given by college health services, members of the Wellesley medical staff serve on a student-staff health committee. This committee works on ways to expand the use of the health services and sets up special programs of information and discussion of subjects such as drugs, sex, marriage.

The confidentiality of the doctor-patient relationship is the foundation upon which the success of the health services is based. **College medical personnel will not share any medical information concerning a student with any College authorities, or with the parents of students, without the consent of the student.** Parents are requested to sign a statement authorizing the College to proceed with appropriate treatment in the case of serious illness or emergency in the event they cannot be reached by telephone.

Each student is allowed three free days in the infirmary each academic year. Treatment involving unusual expenses or outside consultation or hospitalization is borne by the student. The College strongly recommends purchase of a group student health and accident insurance policy which protects students over a 12-month period whether or not they are in residence at the College.

Jobs on and off Campus

A student interested in employment may register at the Career Services Office. This office assists students in obtaining summer employment as well as part-time work during the academic year. There are many opportunities for students to find part-time employment at the College and in the Town of Wellesley. The Career Services Office is the clearinghouse for employers looking for students for part-time help and for students looking for work. Opportunities on campus include office work in academic departments, and work in small businesses run by students. Off campus, students have worked in offices, stores, and restaurants. A large number of local families employ students for child care, and for other varieties of household work.

Undergraduates and seniors are assisted in making plans for the future, either for employment or further study. Students may consult with the career services counselors about their interests and the plans they hope to make. Assistance is provided in many ways. The office maintains a library of vocational literature on current positions and future career possibilities; holds lectures and discussions for students on various occupations; supplies information about graduate courses, apprenticeships, graduate scholarships and assistantships as well as job opportunities; and schedules interviews for seniors with employer and graduate school representatives who recruit at the College.

All alumnae may continue to use the services of this office for information and help in employment or planning further study.



Summers

The long summer vacation gives students ample time for work, travel, or study.

The Career Services Office helps to place students in summer jobs and offers counseling and advice on the most rewarding kinds of jobs available depending on a student's particular interest.

The College sponsors a Washington Internship Program which provides a unique opportunity for students to learn about the national government through direct participation in political activity. Interested juniors may apply for 15 available summer internships, and those who are selected are placed in a broad range of positions both in governmental and nongovernmental offices. The program runs for ten weeks during which time interns hold full-time jobs and also participate in evening seminars with guest speakers on governmental or political problems. Job assignments are selected according to the interest of the student and learning experience to be afforded. Recent assignments have included positions in congressional offices, in the Department of Justice, in the Department of Health, Education and Welfare, with the Federal Trade Commission, in the Office of the President, and with a major broadcasting system. Salaries are offered with some of these jobs, and the College

provides stipends for students who hold nonsalaried positions.

In addition, the Wellesley Urban Internship Program offers students the opportunity to focus their summer experiences on some of the dilemmas of contemporary urban life. Students participating in this program spend ten weeks working for government agencies or private organizations in Boston or Los Angeles. Urban interns attend seminars and other meetings designed to stimulate analytical thinking about politics, government institutions, and public policy-making. Some of the interns are placed in paid positions; those who are not offered salaried posts receive a stipend from the College according to need.

The Internship Program in Economics, founded at Wellesley by the National Association of Business Economists, places qualified economics majors in salaried positions in private or public agencies in all parts of the country during the summer following the junior year. Students in this program carry out applied economic research under the direction of senior economists.

Wellesley awards Slater Fellowships for summer research and study abroad available primarily to junior Honors Candidates for work in connection with their 370 Honors Program. Slater Fellows must be recommended by their major departments and submit a budget indicating how much money they will need to supplement their own resources. Waddell Summer Fellowships provide opportunities for students wishing to study in Africa or the Caribbean. Independent travel, or travel with groups such as Crossroads Africa or the Experiment in International Living, is a good supplement to the academic program.

Some students carry out planned programs of independent study which have been worked out with members of an academic department and their class dean. Other students attend summer school. The amount of summer school credit allowed toward the degree is limited and is not automatic. Students should consult their class deans and appropriate departments before enrolling in summer school courses for which they expect credit toward the Wellesley degree. Students planning summer study in foreign countries should consult the Office of Foreign Study.

Whatever summer plans may be, Wellesley considers reading an indispensable accompaniment. Each department provides a summer reading list, designed particularly for majors, but open to all. These lists provide an excellent complement to the work done during the past year, and preparation for the one ahead.

Students in 1971-72

Students from the United States

Alabama	16	Mississippi	1
Arizona	6	Missouri	27
Arkansas	2	Montana	5
California	49	Nebraska	4
Canal Zone	1	New Hampshire	31
Colorado	14	New Jersey	143
Connecticut	135	New Mexico	4
Delaware	9	New York	293
District of Columbia	22	North Carolina	19
Florida	28	Ohio	80
Georgia	30	Oklahoma	6
Hawaii	8	Oregon	5
Idaho	1	Pennsylvania	96
Illinois	71	Puerto Rico	6
Indiana	11	Rhode Island	31
Iowa	7	South Carolina	3
Kansas	10	Tennessee	14
Kentucky	10	Texas	33
Louisiana	5	Utah	1
Maine	22	Vermont	9
Maryland	48	Virginia	42
Massachusetts	294	Washington	11
Michigan	30	West Virginia	5
Minnesota	11	Wisconsin	18

Students from Other Countries

	Foreign Citizens	U.S. Citizens Living Abroad		Foreign Citizens	U.S. Citizens Living Abroad
Antilles	1		Jamaica		1
Belgium		1	Japan	1	
Brazil		1			
			Korea	1	
Cameroun	1		Malaysia	8	
Canada	6	1	Mexico	1	
Chile	1		Nicaragua	1	
Colombia	1		Pakistan	3	
			Paraguay	1	
Egypt	1		Philippines	1	1
England	2	2			
			Scotland		1
Finland	2		Sierra Leone	1	
France	1	1	Singapore	2	
			South Vietnam	2	
Greece	3		Spain		2
			Surinam	1	
Hong Kong	6		Switzerland	4	
Iceland	1		Taiwan	3	
India	3		Thailand	2	
Iran	1	1	Turkey	1	
Italy		3	Uruguay	1	

Academic Summary

	Resident	Non- Resident	Class Totals	Totals
Candidates for the B.A. degree	1600	120		1720
Seniors	345	63	408	
Juniors	354	29	383	
Sophomores	453	14	467	
Freshmen	436	11	447	
Unclassified	12	3	15	
Candidates for the M.A. degree		20		20
Continuing Education Students		46		46
Noncandidates for degrees	78	8		86
Total registration September 1971				1872

The Campus

Wellesley College has a campus of more than 500 acres bordering on Lake Waban. There are woodlands, hills and meadows, an arboretum, botanic gardens, and an outdoor amphitheatre. In this setting are 64 buildings, with architectural styles ranging from Gothic to contemporary. Thirteen of the buildings are residence halls. Placed in four groups, each is approximately the same distance from the academic quadrangle where most classes are held. The campus map on pp. 46-47 will show most of the major areas.

The focal point of the campus is the tower which contains a 30-bell carillon. Named for its donor, Galen L. Stone, the tower rises 182 feet from Green Hall, the administration building, and is an excellent vantage point from which to view Wellesley's extensive campus and beyond.

One of Wellesley's oldest buildings (1880) is Billings Hall, now completely remodeled and expanded to create the Schneider College Center for extracurricular activities. Nearby is the Library and a short distance away, atop Norumbega Hill, is the quadrangle which includes the administration building, two classroom buildings (Founders and Pendleton Halls) and the Jewett Arts Center. The Houghton Memorial Chapel, the Whittin Observatory and the neighboring Sage Hall with adjoining greenhouses, the recreation and physical education buildings, the Child Study Center, as well as the Infirmary and other College buildings are described below.

Alumnae Hall

The largest auditorium on the campus is in Alumnae Hall which has a seating capacity of 1500 persons. Beneath the auditorium is a large ballroom. The building houses the Wellesley College Theatre and the College radio station, WBS. Alumnae Hall is host to visiting lecturers and concert artists, panelists, and professional theatre groups. The gift of Wellesley alumnae, the building was erected in 1923.

Arts Center

The Jewett Arts Center, completed in 1958, consists of the Mary Cooper Jewett art wing and the Margaret Weyerhauser Jewett music and drama wing. Linking the two buildings is the Wellesley College Museum.

The teaching collection of the museum includes choice examples of classical and medieval sculpture, old master



prints and drawings, and contemporary art. Although used primarily for teaching and museum training, it is also open to the public and during the academic year loan exhibitions are organized, some entirely by students.

The music and drama wing contains the music library of books, scores, and recordings; listening rooms; well-equipped practice studios; and classrooms and offices of the music department. A fine collection of musical instruments is available to the students.

The Jewett Auditorium, an intimate theatre seating 320 persons, was designed for chamber music performances. In addition, there are rehearsal rooms and other facilities for the theatre workshop.

Chapel

The Houghton Memorial Chapel was presented to Wellesley in 1897 by the son and daughter of William S. Houghton, a trustee of the College. The Chapel's stained glass windows commemorate the founders and several former members of the College, while a tablet by Daniel Chester French honors Alice Freeman Palmer, Wellesley's second president. Beneath the main chapel which seats 1200 people there is the small, intimate Little Chapel.

Child Study Center

Wellesley College opened the Child Study Center in the fall of 1969 under the direction of the psychology department. It is located in the Anne L. Page Memorial Building, in which for many years was a college-run nursery school. The Center is designed for Wellesley undergraduates to study the learning processes among young children.

Classrooms

Founders Hall, built in 1919, is dedicated to the Durants, and Pendleton Hall, built in 1935, honors Wellesley's sixth president, Ellen Fitz Pendleton. They are located south and north respectively in the academic quadrangle. The humanities, social sciences, and mathematics are taught in Founders. Pendleton contains the laboratories, lecture rooms, libraries, and offices of the departments of chemistry, physics, and psychology. Extensive equipment and facilities provide opportunity for advanced work in these areas. There are additional classrooms in many other buildings.

Gray House

Gray House, near the new dorms, provides overnight accommodations for guests of students at a nominal cost.

Green Hall

The offices of the President, the Board of Admission, the Deans, and all administrative offices directly affecting the academic and business management of the College are located in Green Hall. The building has large rooms for Academic Council and trustee meetings, class and seminar rooms, some faculty offices, and the offices of the Alumnae Association, Resources, and the College Information Services staffs. Named for Hetty R. Green, the building was erected in 1931 and was in large part the gift of Mrs. Green's son and daughter, Col. Edward H. R. Green and Mrs. Mathew A. Wilks. The carillon in the Galen L. Stone Tower was the gift of Mrs. Charlotte Nichols Greene.

Greenhouses

Classrooms in the biological sciences department open directly into the greenhouses. They honor Margaret C. Ferguson, former Wellesley professor of botany, and bear her name. The climate in the greenhouses ranges from temperate to tropic with many excellent examples of trees and flowers which flourish in the respective temperatures. There is extensive space for experiments by faculty and students. The greenhouses are open to the public daily throughout the entire year.

Harambee House

Harambee House is the cultural and social center for Black students. It contains rooms for meetings and social gatherings as well as facilities for cooking and entertaining. It is located near the Schneider College Center just south of the Library.

Housing for Faculty and Staff

Wellesley maintains 39 houses and 65 apartments for faculty and administrative staff. Other campus buildings house maintenance and housekeeping staff.

Infirmary

The Simpson Infirmary, a 29-bed hospital and outpatient clinic, was built in 1942. It is connected to the original infirmary (1881) which is now used for staff housing.



Library

The Library's collection exceeds 500,000 volumes including some 20 percent in department libraries. Subscriptions to periodicals number over 2000. Special collections contain autograph letters, manuscripts, and rare books of distinction.

There is a seating capacity of 780, with 290 study carrels and 20 faculty studies. A language laboratory is available as are listening units for the collection of spoken and dramatic recordings. Special meetings, lectures, and discussions may be held in the Library's Pope Room seating 100.

The Library, erected in 1910 and first enlarged in 1916, was the gift of Andrew Carnegie. A new wing in 1957, and renovations to the old building as well as the installation of the language laboratory in 1958, were the gifts of alumnae and friends, especially of David M. Mahood and Mrs. Helen M. Petit in memory of Helen Ritchie Petit of the Class of 1928. The Library is open to the public daily while College is in session and Monday through Friday during vacation.

Maintenance

The Maintenance Building and nearby Physical Plant supply the services and utilities necessary for the upkeep of the College. Here are located the offices for grounds upkeep, security, housekeeping, and the resources for all utilities.

Observatory

The Whitin Observatory contains laboratories, classrooms, darkrooms, and the library of the astronomy department. Its research equipment includes a 6-inch, a 12-inch, and a 24-inch telescope. The gift of Mrs. John C. Whitin, a trustee of the College, the observatory was built in 1900 and enlarged in 1962 and 1966. It is considered to be an unusually fine facility for undergraduate training in astronomy.

Phi Sigma

The offices for personal counseling and continuing education are located in Phi Sigma House.

Physical Education and Recreation

Classes for all indoor sports and for modern dance are conducted in Mary Hemenway Hall, the gymnasium, and in the nearby Recreation Building. The latter has game rooms, badminton and squash courts, and a large swimming pool. Outdoor water sports center around the boat-house where the canoes, sailboats, and crew shells are housed. Wellesley maintains a nine hole golf course, 16 tennis courts, and hockey and lacrosse fields.

The older of the two buildings, Hemenway, was built in 1909 when the Boston Normal School of Gymnastics affiliated with the College and Mrs. Hemenway of Boston provided the funds for the building. The Recreation Building was opened in 1939. Its pool bears the name of George Howe Davenport, a trustee and generous benefactor of the College.

President's House

The President's House, formerly the country estate of Wellesley's founders, the Durants, sits on a hill just south of the main campus. The house overlooks spacious lawns and the lake. Remodeled and renovated in 1968, it is frequently opened to various groups from the College community and is also the scene of alumnae and trustee gatherings as well as receptions for distinguished visitors.

Residence Halls

The 13 residence halls are arranged in four groups: one in the northwest corner of the campus; another west, on the hill overlooking the lake; a third slightly southeast of the lake shore; and the fourth stretching to the northeast. The buildings have large spacious living rooms and smaller common rooms. Each has its own dining facilities, and there are both single and double rooms. Almost all the buildings have a small kitchenette on each floor and every building has coin-operated washers and dryers. There are separate apartments for the heads of house. The residence halls bear the names of past presidents, faculty and students, as well as alumnae, trustees, and friends of the College.

Each residence, its student capacity and location, is listed below:

Munger Hall and Hazard Quadrangle	Northwest
Munger	120 students
Hazard Quadrangle	
Beebe	125 students
Cazenove	125 students
Pomeroy	125 students
Shafer	120 students
Tower Court-Claflin-Severance	West
Tower Court	235 students
Claflin	115 students
Severance	145 students
Stone-Davis	Southeast
Stone	100 students
Davis	100 students
Bates-Freeman-McAfee	Northeast
Bates	130 students
Freeman	130 students
McAfee	140 students

Sage Hall

Located some distance from the academic quadrangle and on the northeast side of the campus, Sage Hall houses the biological sciences and geology departments. The building has laboratories, lecture rooms, a library, vivarium, aquarium, a teaching museum, and an extensive map collection for geography.

Schneider College Center

Schneider College Center is the center for extra-curricular life at the College. Its newly remodeled facilities provide lounge areas, a snack bar, meeting rooms, offices for student organizations, a coffee house, and many services for the College community. It is the bus terminal for the Wellesley-MIT cross-registrants.

The Center is governed by a student-faculty-staff board which arranges a series of social and special interest programs throughout the year. Harambee House, the Black cultural center, and Slater International Center are complementary adjuncts to Schneider.

Slater International Center

Slater International Center, to be dedicated in the fall of 1972, is an informal meeting place for foreign and American students and faculty. It will serve as one of the centers for student activities, for organizations on campus which have an interest in international affairs, and for seminars and speakers on international topics. Overlooking Lake Waban and part of the Schneider College Center complex, it contains rooms for large and small gatherings and meetings, a library, and facilities for cooking and entertaining.

Society Houses

There are three houses for special interest groups. Each house has kitchen and dining facilities, a living room, and other gathering rooms. Members are drawn from all four classes, beginning with second semester freshmen. The Society houses are listed below:

Shakespeare	Shakespearean Drama
Tau Zeta Epsilon	Art and Music
Zeta Alpha	Modern Drama

Wellesley College Club

Completed in 1963, the Club is a center for faculty, staff, and alumnae. Its handsome reception rooms and dining rooms are used for many special occasions and daily by its members for lunch and dinner. There are a number of bedrooms for the use of guests, alumnae, and parents of students and prospective students.



WELLESLEY COLLEGE



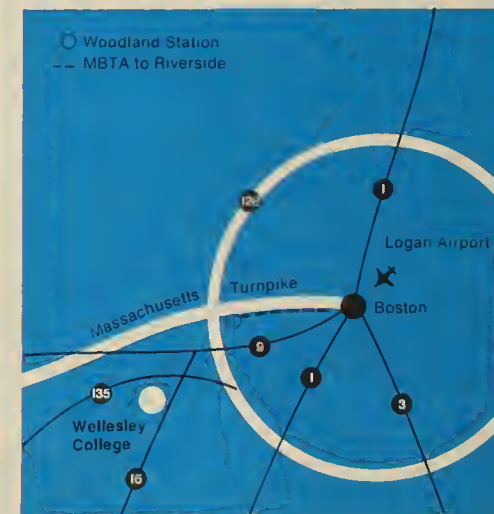
THE WELLESLEY COLLEGE CAMPUS

Administration Building
Green Hall

Academic Buildings
Founders and Green
Jewett Arts Center
Library
Pendleton
Sage
Whitin Observatory

Residence Halls
Bates, Beebe, Cazenove, Claflin, Davis, Freeman, McAfee,
Munger, Pomeroy, Severance, Shafer, Stone, Tower Court

Some Other Facilities
Alumnae Hall
Schneider College Center
Wellesley College Club



Scale 1/2 Mile

Copyright © 1975 by Wellesley College



Academic Affairs

— 2012 —



THE CURRICULUM

The curriculum provides a framework within which students are invited to explore various fields in the arts and sciences. When students decide on an area of concentration they then select courses in other fields to provide complementary or contrasting experiences. These, together with the major, enable students to achieve a broadly liberal education.

In developing the curriculum, the faculty has tried to present diverse offerings among which students will gradually perceive interrelationships. Through study of different disciplines and bodies of knowledge, students perceive the coherent unity among diversity which is traditionally termed a liberal arts education.

By the time the Bachelor of Arts degree is earned, the student should be acquainted with the main fields of human interest, capable of integrating knowledge from various fields, and prepared for continuous scholarly growth and responsible participation in society. In the major field, the student is expected to demonstrate maturity of thought, acquaintance with recognized authorities in the field, and general competence in dealing with sources of research or analysis.



Requirements for Degree of Bachelor of Arts

Each candidate for the degree of Bachelor of Arts is required to complete 32 units of academic work at a C average or better. Each semester course is assigned one unit of credit. The normal period of time in which to earn the degree is four years and a normal program of study consists of from three to five courses a semester.

Courses are classified in Grades I, II, and III. Introductory courses are numbered 100-199 (Grade I); intermediate courses, 200-299 (Grade II); advanced courses, 300-370 (Grade III). Each student shall include at least four units of Grade III work, at least two of which shall be in the major. The program in the senior year may not include more units of Grade I than of Grade III work and at least two must be of Grade III.

General Requirements

In order to provide students with as much freedom as possible, Wellesley requires no specific courses. To insure, however, that students gain insight and awareness in areas outside their own majors the College does require that they choose three semester courses in each of three general areas during the four year period. Research or Individual Study (the 350 courses) do not satisfy this requirement. These three groupings are:

Group A	Literature, Foreign Languages, Art, and Music Three units chosen from courses in the Departments of Art, Chinese, English, French, German, Greek, Latin, Italian, Music, Russian, Spanish; or from extradepartmental literature courses.
Group B	Social Science, Religion and Biblical Studies, and Philosophy One or two units chosen from courses in the Departments of History, Philosophy, Religion and Biblical Studies, <i>and</i> One or two units chosen from courses in the Departments of Economics, Political Science, Psychology, Sociology and Anthropology.
Group C	Science and Mathematics Three units, at least one of which shall be in a laboratory science, chosen from courses in the Departments of Astronomy, Biological Sciences, Chemistry, Geology, Mathematics, Physics, or one of the extradepartmental courses in history of science.

Freshmen are encouraged to carry a maximum of four courses each semester, but upperclassmen may take five.

Before the beginning of the senior year students must exhibit a degree of proficiency in the use of one foreign language, either ancient or modern. Many students fulfill the requirement by passing one of the language tests offered by the College Entrance Examination Board (CEEB). Wellesley requires scores of 610 or better on the CEEB Achievement Test, or a score of at least 3 on the Advanced Placement Examination (AP). This requirement can also be met by the completion of two units of language study above the first year level. Students may take beginning courses in only two **modern** foreign languages. Credits for the foreign language requirement cannot be attained at summer school.

In addition, each student must complete the physical education requirement described on p. 168 for which no academic credit is given.

Students are expected to use acceptable standards of spoken and written English in their college work. Special assistance in English, mathematics, and other basic and special skills are offered at the College.

The Major

Wellesley students may choose majors offered by 23 departments, three interdepartmental majors — Black studies, classical and Near Eastern archaeology, and molecular biology — or they may devise an individual major. Of the 32 units required for graduation, at least eight are to be elected in the major, and no more than 14 in any one department.

Students who are interested in an individual major submit a plan of study to two faculty members from different departments. This plan should include four units in one department above the introductory level. The program for the individual major is subject to the approval of the Committee on Curriculum and Instruction. Some students wish to center their study upon an area, a period, or a subject which crosses conventional departmental lines. Examples of possible area studies are Asian studies, Latin American studies, Russian studies, United States studies; of periods, the Middle Ages, the Renaissance; of subjects, classical civilization, comparative literature, international relations, theatre studies, urban studies.

In the second semester of the sophomore year each student elects a major field and prepares for the recorder a statement of the courses to be included in the major. Later revisions may be made with the approval of the chairman of the major department, or in the case of the individual major, with the student's advisors, and be presented to the recorder not later than the second semester of the junior year.

Academic Standards

Academic standards at Wellesley are high, and students take full responsibility for attending classes, getting required work in on time, appearing for examinations. If students have difficulties with course work, become ill, or have other problems which interfere with their academic work they should consult with their class dean for assistance in making special arrangements for their studies.

Students are expected to maintain at least a C average throughout the college career. At the end of each semester each student's record is reviewed, and appointments with the class dean or faculty advisor are arranged if needed. The College tries to provide the appropriate support services to students in difficulty. Students who show consistent effort are rarely excluded from College.



Grading System

Students have the option of electing courses on a letter or nonletter grade basis. At the beginning of the eighth week of a semester, students notify the recorder and their instructor whether they plan to take a course for a letter grade or on a credit/noncredit basis. Credit is given to those students who have attained a satisfactory familiarity with the content of a course and who have demonstrated ability to use this knowledge in a competent manner. If credit is not awarded this fact does not appear on the student's permanent record.

Examinations

An examination period occurs at the end of each semester. Special examinations are offered in September to qualified students to earn credit for work done independently, for admission to advanced courses without the stated prerequisites, and for exemption from required studies.

Students who wish credit towards the degree for work done independently in the summer, or for more than two units taken in summer school, should consult the appropriate department and the class dean, and should apply to the recorder at least a month in advance for a special examination to be given at the beginning of the college year.

Examinations may be taken for credit, for advanced placement, or for exemption from the required studies in Groups A, B, and C. Examinations for credit passed at a satisfactory level also count for advanced placement and/or exemption; examinations for advanced placement also count for exemption. Examinations passed at a satisfactory level for exemption do not count for credit.

Credit for Advanced Placement Examinations

Students who enter under the Advanced Placement Program of the College Entrance Examination Board, making the scores specified by Wellesley College, will receive credit toward the B.A. degree, provided they do not register in college for courses which cover substantially the same material as those for which they have received advanced placement credit. Two units of credit will be given for each advanced placement examination in which a student received a grade of 4 or 5 with the following exceptions: only one unit of credit will be given for the Latin 4 examination; one unit of credit will be given for a score of 4 or 5 in the Mathematics AB exam-

ination, one unit of credit for a score of 3 in the Mathematics BC examination. Not more than two units are credited in any one subject.

Credit for Other Academic Work

Of the 32 units required for the degree of Bachelor of Arts, a student may earn a maximum of 16 units through a combination of the following: AP examinations, courses taken at another institution during the summer or the academic year, or independent study off campus which is then evaluated by examination by a Wellesley department. (See **Examinations**.) Two units may be earned in summer school and two units for independent study. Eight units, in addition to summer school, may be earned through courses taken at another institution. All students, including transfer students, must complete 16 units at Wellesley.

Exemption from Required Studies

Students may be exempted from any of the studies required for the degree, provided they can demonstrate to the department concerned a reasonable competence in the elements of the course. Exemption from any of the studies required does not affect the general requirement for completion of 32 units for graduation. It does, however, make it possible for some students to select more advanced courses earlier in their college careers.

Such exemption may be achieved in one of two ways:

- A score of 4 (Honors) or 5 (High Honors) on the CEEB Advanced Placement Test (AP), or
- Passing a special exemption examination.

Permission for the exemption examination must be obtained from the class dean and the chairman of the department concerned. (See **Examinations**.) In addition to the evidence offered by the examination, some departments may require the student to present a paper or an acceptable laboratory notebook.

Research or Individual Study

Each department of the College which offers a major course of study provides the opportunity for certain students to undertake a program of individual study directed by a member of the faculty. Under this program an eligible student may undertake a research project or a program of reading in a particular field. The results of this work normally are presented in a final report or in a series of short

essays. The conditions for such work are described under the course numbered 350 in each department. Wellesley offers further opportunities for research and individual study. (See **Honors in the Major Field.**)

Freshman-Sophomore Colloquia

These colloquia give students the chance to work closely in small groups with individual faculty members. They are designed to provide the sort of educational experience which previously was enjoyed only by upperclassmen. They are similar to the advanced seminars in that they stress independent work, discussion, and oral and written presentations.

Cross-Registration Program with the Massachusetts Institute of Technology

A five year experimental program of cross-registration of students at Wellesley and the Massachusetts Institute of Technology was officially inaugurated in 1968-69. The program allows students to elect courses at the other institution, and extends the diversity of educational experiences available in the curriculum and in the environments of each. The two schools combine their academic, extracurricular, and operational resources while maintaining the separate strengths, independence, and integrity of each institution.

A Wellesley student interested in exploring the possibilities of electing a specific course at MIT should consult the department advisor or the appropriate exchange program faculty advisor. Since the number of participants in the exchange is limited, upperclassmen are given first preference.

The Twelve College Exchange Program

Wellesley belongs to a consortium which includes Amherst, Bowdoin, Connecticut College, Dartmouth, Mount Holyoke, Smith, Trinity, Vassar, Wesleyan, Wheaton, and Williams. Students in good standing may apply through the exchange coordinator for a semester or full academic year in residence at any of the member institutions. The combined resources of this exchange offer students an unusually rich and extensive educational opportunity.

The Junior Year Abroad

Qualified students may apply for admission to various groups spending the junior year in Europe and in foreign countries in other parts of the world. The Wellesley Slater

Junior Year Abroad Scholarships are available to juniors who have been accepted in approved programs. Scholarships for students wishing to spend the junior year in Africa or the Caribbean are provided by the Waddell Fund. The selection of award recipients for awards from both funds is made early in the second semester of the sophomore year on the basis of academic qualifications and faculty recommendations. The amount of each individual award is determined according to need. Information about these scholarships may be obtained from the Office of Foreign Study.

Academic Distinctions

Honors in the Major Field

Students who have shown marked excellence and an unusual degree of independence in their work in the major field may receive the Bachelor of Arts degree with Honors in the Major Field. Eligibility for the program is based on the student's record in the major field. Under this program an eligible student may be invited to undertake independent research or special study which will be supervised by a member of the faculty. The successful completion of the work and of an oral honors examination leads to the award of Honors in the Major Field.

Other Academic Distinctions

The College names to Freshman Honors those students who maintain high academic standing during the freshman year and names juniors and seniors whose records after the freshman year are at the level of Wellesley College Scholars and Durant Scholars. Final honors, conferred at Commencement, are based on academic records after the freshman year and include the title Wellesley College Scholar for high academic standing and Durant Scholar for the highest academic standing.

Juniors and seniors are elected to membership in the Eta of Massachusetts chapter of Phi Beta Kappa on the basis of their total academic achievement in college, and seniors who are majoring in the sciences may be elected to associate membership in the Wellesley chapter of Sigma Xi.

On recommendation of the faculty, the Trustees award to four seniors who intend to pursue graduate studies the title of Trustee Scholar. The awards are made on a competitive basis. The title is honorary; in cases of financial need stipends are awarded to the Scholars or, if not



required by them, to alternates who need financial assistance. Applications and supporting credentials should be sent to the Secretary to the Committee on Extramural Graduate Fellowships and Scholarships by January 15.

Certain prizes have been established at the College for the recognition of merit in a particular field. They carry a small stipend or gift and usually bear the name of the donor or the person honored, and are awarded for excellence by the departments.

Leave of Absence

A few students find it wise to interrupt the normal sequence and spend a semester or two away from Wellesley either working, or enrolled at another institution. This flexibility in developing individual educational goals is sometimes advantageous. Application for leave of absence may be made to the class dean at any time after a student has completed at least one year at Wellesley.

To obtain permission to spend the year at another institution as a nonmatriculated student or guest, a student submits a detailed plan to the class dean or advisor and, if a major has been chosen, to that department. The plan should list the course of study for the year and justify its relationship to the four year program. Students must also submit a statement signed by the dean or registrar of the other institution recognizing their status as nonmatriculated students who will return to Wellesley to complete their work for the degree.

Withdrawal

Students who plan to withdraw must inform the class dean. A withdrawal form will then be sent to the parents or guardian for their signature. The official date of withdrawal is considered to be the date on which the signed form is received by the recorder of the College. The withdrawal date is important in order to compute costs and possible rebates. For regulations concerning withdrawal refunds see p. 24.

The College reserves the right to require the withdrawal of any student whose academic work falls below its standards, or for whom Wellesley may not have been the best choice. In such cases of involuntary withdrawal, which are rare, the official date of withdrawal is considered to be the date upon which the student leaves the College.

Readmission

A student who has withdrawn from College and wishes to return should apply to the Office of the Dean of Studies for the appropriate forms. Readmission will be considered in the light of the reasons for withdrawal and re-application, and of the space currently available. A nonrefundable fee of \$15 must accompany the reapplication form.

Career Preparation

A liberal arts education does not prepare a student for a specific career. It is intended to provide that broad background upon which a student depends in indescribable ways throughout a lifetime. The Wellesley program provides a student with the chance to explore various fields of knowledge and to secure in-depth preparation in a specific major field. The student then can either begin a career or pursue further study in graduate school for more specialized professional work.

During the undergraduate years a student may meet the requirements for the degree of Bachelor of Arts and at the same time prepare to enter professional schools, for example, architecture, law, medicine, public health, social service, education. A sound education in the liberal arts is considered the best preparation for admission to most professional schools, but a student who is interested in any one of the professions should consult the class dean to plan a particular emphasis in the undergraduate program.



Information about many professions is maintained in the resources room in the Career Services Office. Students will find information about qualifying examinations, and catalogues containing the prerequisites for admission to a great number of professional schools.

Teaching in Secondary School

Some teaching positions in public as well as in private schools are open to college graduates without further study. Students who complete the course in supervised teaching and three other units of study in education and two in psychology are able to fulfill the minimum requirements for a teaching license in many states.

Qualification for supervised teaching necessitates that all requirements for distribution and the major (with the possible exception of one unit of independent study) be completed in three and one-half years. With or without credit for Advanced Placement and summer study, careful planning permits easy scheduling to this effect.

A student who intends to teach should consult the chairman of the department of education about requirements for certification and ways of preparing to meet them as soon as possible.



College Teaching and Research

A student who wishes to enter college teaching and research will find that the undergraduate work of the College provides preparation for graduate study leading to advanced degrees in the arts and sciences. The chairman of the major department or of the department in which a student hopes to pursue graduate study should be consulted as soon as possible to learn which courses in the field of special interest and which foreign languages will be most useful. It should be noted that for graduate study in many fields a reading knowledge of two specified foreign languages is required. The student will find the class dean, the faculty advisor, the chairmen of departments, and the staff of the Career Services Office helpful in locating information about graduate schools.

Medical School

In general, the minimum requirements for admission to recognized medical schools can be met by four units in chemistry, two units in physics, two units in biology, mathematics through calculus, and two units of English. Because there is some variation in minimum requirements, students should consult the most recent catalogues of the particular medical schools in which they are interested.

Many students planning to study medicine elect pre-medical sciences in the freshman year and major in one of them. A number of medical schools stress the importance of a liberal arts education as a preparation for medical studies and accept applicants regardless of their major provided they have fulfilled the minimum require-

ments for admission. Premedical students, therefore, are free to major in the field which interests them most.

The chairman and members of the premedical advisory committee will be glad to discuss curricular problems with students who are considering going into medicine.

Civil Service

A student wishing to qualify for examinations offered by the United States Civil Service Commission or various state and local civil service agencies should consult the Career Services Office about current requirements.

Requirements for Degree of Master of Arts

The Master of Arts degree is offered in art and biological sciences. The College does not maintain a program of courses for graduate students separate from those offered for undergraduates. Properly qualified graduate students are admitted to Grade III courses, to seminars, and to course 350, Research or Individual Study.

A candidate for the degree of Master of Arts is required to complete eight units of graduate work, which ordinarily includes a thesis embodying the results of original research. The program is arranged by the student's major department and is subject to the approval of the Committee on Graduate Instruction. A reading knowledge of French or German, to be tested by examination at entrance, is required. Individual departments may require a second language. A comprehensive examination testing the work of all the courses counting toward the degree is required of all candidates. At least one year in residence is required of all candidates.

Information regarding admission may be obtained from the chairmen of the departments of art or biological sciences.

Continuing Education

Through its Office of Continuing Education, Wellesley College provides a nonresidential program in which qualified women may enroll, either part-time or full-time, in regular course work at the College. Some of these women are resuming study toward the Bachelor of Arts degree after an interruption in their college work; others who have undergraduate degrees may need further training or reeducation in preparation for graduate study, or may simply wish to start exploring a new field.

Although men are not admitted as candidates for the B.A. degree at Wellesley, they may take courses under this program.

COURSES OF INSTRUCTION

A semester course which carries one unit of credit requires approximately eleven hours of work each week spent partly in class and partly in preparation. The amount of time scheduled for classes varies with the subject from two periods each week in many courses in the humanities and social sciences to three, four, or five scheduled periods in certain courses in foreign languages, in art and music, and in the sciences. Classes are scheduled from Monday morning through late Friday afternoon; examinations may be scheduled from Monday morning through late Saturday afternoon.

Prerequisites are given in terms of Wellesley courses, exemption examinations, AP scores, and "admission units." Admission units refer to the secondary school credits acquired in various precollege courses.

Legend

Courses numbered

- 100-199 = Grade I courses
- 200-299 = Grade II courses
- 300-370 = Grade III courses
 - (1) = Offered in first semester
 - (2) = Offered in second semester
 - (1) (2) = Offered in both semesters
 - (1-2) = Continued throughout the school year
- 1 or 2 = Units of credit

- a = Absent on leave
- a¹ = Absent on leave during the first semester
- a² = Absent on leave during the second semester
- ³ = Part-time instructor
- [] = Numbers in brackets designate courses listed only in earlier catalogues
- * = Offered in alternate years. Note: Unless specifically stated such courses will be offered in 1972-73.

ART

PROFESSOR: Shell

ASSOCIATE PROFESSOR: Frisch, Moffett^a, Wallace,
Anderson (Chairman), Rayen

ASSISTANT PROFESSOR: Fergusson, Janis, Clapp

INSTRUCTOR: Marvin, Matthews³, Friedman³

LECTURER: Gaither³

RESIDENT ARTIST: Larrabee, Sokoloff, Robinson ^a

HISTORY OF ART

Some of the courses in art history include laboratory work in the one or more media with which the course is concerned. The department believes that laboratory training has great value in developing observation and understanding of artistic problems, and for this reason requires it of majoring students. It should be stated, however, that no particular aptitude is required and that the work is adjusted to the student's ability.

The M.A. degree is offered in history of art. Eight units of advanced-level work are required, including Art 345 and at least one unit of Art 350. A comprehensive examination and reading knowledge of two foreign languages, German and either French, Italian, Latin, or Greek are required for the completion of the degree.

100 (1-2) Introductory Course**2**

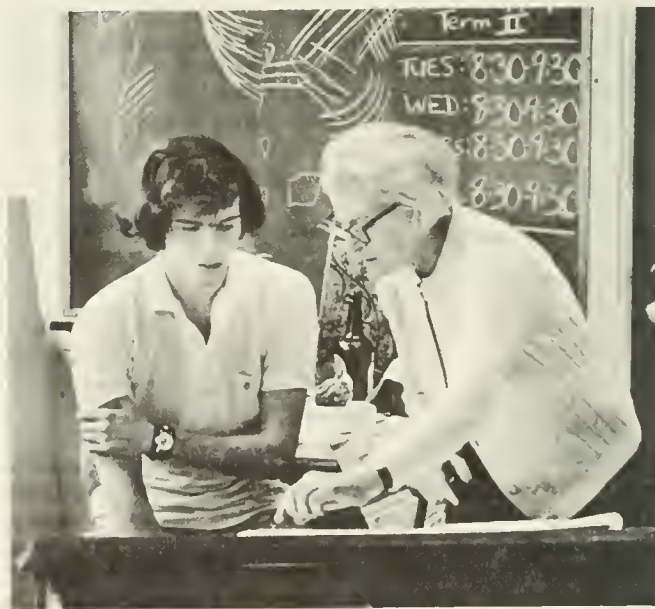
A foundation for further study in the history of art. The major styles in western architecture, sculpture, and painting from ancient Greece to c. 1800 are presented in lectures and in conference sections. Simple laboratory work requiring no previous training or artistic skill planned to give the student a greater understanding of artistic problems. Open only to freshmen and sophomores.

THE STAFF

200 (1) Classical Art**1**

Topic for 1972-73: Art in the cities of the Roman Empire. The design of Roman cities and the buildings in them as well as the public and private monuments which illustrate the character of the Roman state and the nature of Roman taste. Topic for 1973-74: Greek painting, sculpture, and architecture from the Geometric period to the death of Cleopatra. Greek sculpture will be emphasized and some attention will be paid to the impact of Greek forms on later western art. Open to sophomores, juniors, and seniors who have taken 100 or 215, or by permission of the instructor.

MISS MARVIN



201 (2)* Near Eastern and Bronze Age Art 1

The art and archaeology of the eastern Mediterranean from 3000 B.C. to 1200 B.C. The interrelations of the cultures of Egypt, Mesopotamia, Minoan Crete, Mycenaean Greece, and their neighbors will be studied. Open to sophomores, juniors, and seniors without prerequisite and to freshmen by permission of the instructor.

MISS MARVIN

202 (1) Medieval Sculpture and Painting 1

A study of western European sculpture, manuscript painting, ivories, and metal work from the late Roman through the High Gothic period. Open to sophomores who have taken 100, and to juniors and seniors without prerequisite.

MR. FERGUSON

203 (2) Medieval Architecture 1

The architecture of western Europe from the Fall of Rome to the beginning of the Renaissance with particular concentration on the great Romanesque and Gothic monuments. Occasional conferences. Open to freshmen and sophomores who have taken or are taking 100, and to juniors and seniors without prerequisite.

MR. FERGUSON

215 (1) European Art to the Renaissance 1

The major movements in architecture, sculpture, and painting from classical antiquity to c. 1400. Students attend course 100 lectures and have the option of attending course 100 conferences. Reading and paper assignments differ from those of 100. Students will be assigned staff advisors. Open only to juniors and seniors who have not taken 100.

THE STAFF

216 (2) European Art from the Renaissance to the Nineteenth Century 1

Western art from the Renaissance to the 19th century with emphasis on painting, sculpture, and architecture. Students attend course 100 lectures and have the option of attending course 100 conferences. Reading and paper assignments differ from those of 100. Prerequisite: same as for 215.

THE STAFF

219 (1) Painting and Sculpture of the Nineteenth Century **1**

A study of painting and sculpture of the 19th century in the United States and Europe with emphasis on France. Open to sophomores who have taken 100, by permission to freshmen who are taking 100, and to juniors and seniors without prerequisite.

MRS. JANIS

220 (1) Painting and Sculpture of the Seventeenth and Eighteenth Centuries in Southern Europe **1**

A study of Italian and Spanish painting and sculpture with special emphasis on Caravaggio and Bernini, and on El Greco and Velázquez. Prerequisite: same as for 202.

MR. WALLACE

221 (2) Painting and Sculpture of the Seventeenth and Eighteenth Centuries in Northern Europe **1**

Flemish, Dutch, French, and German painting and sculpture of the 17th century with emphasis on Rembrandt and Rubens. French and English painting and sculpture of the 18th century. Prerequisite: same as for 202.

MR. WALLACE

224 (1-2) Modern Art **1 or 2**

The major developments in painting, sculpture, and architecture from early in this century to the present. Conference sections in second semester. One unit of credit may be given for either semester. Background reading is required if elected in second semester only. Prerequisite: 100 or 216 or 219 or permission of the instructor.

MRS. MATTHEWS

225 (2) American Art **1**

A survey of American art from colonial times to the present. Emphasis on developments in painting, sculpture, architecture, and the decorative arts before 1900. Some attention given to the relation between the art and the social history and literature of the time. Prerequisite: same as for 202.

MRS. FRIEDMAN

226 (1) History of Afro-American Art 1

A survey of Afro-American art from colonial times to the present. Special attention will be given to the relationship between Afro-American art and social and cultural conditions in America. Open to all students.

MR. GAITHER

248 (1) Chinese Art 1

Survey of the major artistic traditions of China through monuments of the Bronze Age, Buddhist sculpture and painting from the Han to the Ch'ing Dynasty. Open to sophomores, juniors, and seniors who have had one unit in the history of art; or History [225] or [226] or [227] or 271 or 275 or 276 or [338] or [339] or 346; or Religion 253; or by permission of the instructor.

MRS. CLAPP

249 (2) Far Eastern Art 1

Topic for 1972-73: Japanese art. An introduction to the sculpture and pictorial arts of Japan from the early Buddhist period through the 18th century woodblock print. Topic for 1973-74: Indian art. A survey of the architecture and sculpture of Buddhism and the Hindu dynasties in India, Southeast Asia, Tibet, and Nepal. Prerequisite: same as for 248.

MRS. CLAPP

302 (1) Italian Painting: The Fourteenth and Fifteenth Centuries 1

A study of selected artists whose work significantly illustrates the character of the late medieval and the early Renaissance styles. Particular attention to Florentine masters. Open to juniors and seniors who have taken or are taking one Grade II unit in the department, or by permission of the instructor.

MR. SHELL

303 (2) Italian Painting: The Sixteenth Century 1

Studies of the major masters of the High Renaissance followed by the examination of some selected Mannerist painters and of those developments within 16th century painting which lead in the direction of the Baroque. Considerable attention to Venetian masters. Prerequisite: same as for 302.

MR. SHELL



304 (1) Late Medieval and Renaissance Sculpture

1

A study of major sculptors from the 14th century to the end of the 16th century with emphasis on Italy and the work of Giovanni Pisano, Donatello, Ghiberti, and Michelangelo. Prerequisite: same as for 302.

MRS. ANDERSON

306 (1) (2) The Graphic Arts

1 or 2

First semester: The graphic arts from the Renaissance to the present. Emphasis on the styles of Dürer, Rembrandt, Goya, Picasso. Special attention to the influence of technique upon style. Laboratory instruction in the processes of woodcut, engraving, etching, lithography. Visits to collections. Open only to seniors.

Second semester: A survey of photography in France, England, and the United States in the 19th and 20th centuries. Topics will include styles of individual photographers and movements, the problem of style in photography, and the reciprocal relationships between photography and the graphic arts. Open only to juniors and seniors who have taken 219 or 306 (1).

MRS. JANIS

308 (1) Renaissance and Baroque Architecture

1

The early and High Renaissance, Mannerist, and Baroque styles of the 15th through the 18th centuries, with particular emphasis on Italy. Prerequisite: same as for 302. **NOT OFFERED IN 1972-73.**

MRS. FRIEDMAN

311 (2) Painting of Northern Europe

1

The period from the late 14th century to the mid-16th century in France, Germany, and the Low Countries. Prerequisite: same as for 302.

MRS. ANDERSON

312 (2) Problems in Nineteenth and Early Twentieth Century Art

1

A study of special problems of interpretation in 19th and early 20th century art. Romantic imagery, interpretations of Manet, photography and painting, historicism, origins of abstraction. Emphasis on extensive reading and class discussion. Prerequisite: 219 or permission of the instructor.

MRS. JANIS

330 (2)* Seminar. Italian Painting 1

Intensive study of one or more of the fundamental problems in the history of Italian painting. Open by permission to juniors and seniors who have taken 302 or 303.

MR. SHELL

331 (2) Seminar 1

Topic for 1973-74: To be announced. Prerequisite: same as for 330. **NOT OFFERED IN 1972-73.**

MR. SHELL

332 (2) Seminar. Medieval Art 1

Topic for 1972-73: Chartres Cathedral. Intensive study of either one problem or a series of related problems in medieval painting or sculpture. Open by permission of the instructor to juniors and seniors who have taken 202 or 203.

MR. FERGUSON

333 (1) Seminar. Baroque Art 1

Problems of style, connoisseurship, and iconology in 17th century art concentrating on major Italian or northern Baroque masters. Open by permission to juniors and seniors who have taken 220 or 221.

MR. WALLACE

334 (2) Seminar. Ancient Art 1

Topic for 1973-74: To be announced. Open to juniors and seniors who have taken 200 or 201, or by permission of the instructor. **NOT OFFERED IN 1972-73.**

MISS MARVIN

335 (1) Seminar. Selected Problems in the History of Art 1

Intensive study of either one problem or a series of related problems in 20th century painting. Open by permission of the instructor.

336 (2) Seminar. Museum Problems 1

An investigation of the history and structure of the museum, the philosophy of exhibitions and acquisitions, and the role of the museum in modern society, combining the theory and practice of all aspects of museum work.

Problems of conservation, exhibition, acquisition, publication, and education will be discussed. Students will be involved in the planning and mounting of an exhibition and will visit museums and private collections in the area. Open by permission of the instructor to juniors, seniors, and graduate students who have taken one Grade II unit in the department.

345 (1) (2) Seminar. Historical Approaches to Art for the Major 1

Comparative study of the major art historical approaches and their philosophical bases: connoisseurship, iconography, theories of the evolution of art, theories of style, psychoanalysis and art, psychology of perception, and theories of art criticism. Strongly recommended for all art majors; required of all candidates for the M.A. degree. Open to juniors and seniors who have taken or are taking one Grade II unit in the department.

THE STAFF

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors who have taken or are taking one Grade III unit.

370 (1-2) Honors Program 2 to 4

Required of all honors candidates in the department.

STUDIO COURSES

In order to receive credit for studio courses at least two units in the history of art must also be elected. The department recommends that the units in the history of art precede or be elected concurrently with the studio courses.

105 (1) (2) Introductory Drawing 1

Introductory drawing with emphasis on basic forms in spatial relationships. Stress on the essential control of line in a variety of media. Four periods of class instruction and four of studio practice. Open to sophomores, juniors, and seniors, and by permission to freshmen who have studied art before entering college.

MRS. FRISCH, MR. RAYEN, MR. LARRABEE

204 (1) (2) General Techniques Course 1

A survey of all significant technical material related to the history of western painting from the Middle Ages. Included are laboratory problems of purely technical nature requiring no artistic skill. Required of all art majors. Open to other students who are taking Grade II or Grade III art history courses.

MR. RAYEN, MR. LARRABEE, MR. SOKOLOFF

205 (1) (2) Introductory Painting 1

A study of basic forms in plastic relationships in a variety of media. Four periods of class instruction. Prerequisite: same as for 105.

MR. RAYEN, MR. SOKOLOFF

207 (2)* Introductory Sculpture 1

Basic modeling with emphasis on intensive observation of natural forms to develop the ability to translate volume and space into sculptural terms. Some work in terra cotta, direct plaster, and casting. Four periods of class instruction. Prerequisite: same as for 105.

MR. LARRABEE



209 (1) (2) Design I **1**

Basic problems in two and three dimensions stressing texture and composition. Four periods of class instruction. Prerequisite: same as for 105.

313 (1) Painting: Watercolor and Oil **1**

Landscape, still life, and painting from model. Four periods of class instruction. Open to sophomores, juniors, and seniors who have taken 100 or 105 or [106] or 205.
MRS. FRISCH

314 (1) (2) Advanced Drawing **1**

Problems dealing with the progress from line to form to chiaroscuro. Analysis of anatomy, perspective, and composition with emphasis on direct visual observation of the model. Four periods of class instruction. Prerequisite: 105.

MR. SOKOLOFF

Directions for Election

A major in art must include course 100 (unless an exemption examination is passed), 204, and at least five further units in the history of art, chosen to make adequate distribution in the different arts and different periods. Normally four units should be elected outside the special area of concentration.

Students majoring in art history should plan to take 204 in the second semester of the sophomore year or in the first semester of the junior year. Art 345 is strongly recommended for all majors except those who are taking 370.

The department does not encourage overspecialization in one area but, by careful choice of related courses, a student majoring in art may plan a field of concentration emphasizing one period such as ancient, medieval, Renaissance, Baroque, 19th or 20th century art. Students interested in such a plan should consult the chairman of the department as early in the freshman or sophomore year as possible.

A reading knowledge of German and French, or Italian, is strongly recommended.

The attention of students is called to the interdepartmental major in classical and Near Eastern archaeology.

Credit toward the M.A. degree will be given to graduate students for all Grade III courses.

ASTRONOMY

PROFESSOR: Hill

ASSOCIATE PROFESSOR: Birney (Chairman)

ASSISTANT PROFESSOR: Adler

103 (1) (2) Introduction to Astronomy 1

Relationships of earth and sky; the solar system, stars, and galaxies. Two periods of lecture and discussion weekly with a third period every other week; laboratory in alternate weeks, and unscheduled evening work at the Observatory for observation and use of the telescopes. Open to all students.

THE STAFF



104 (2) Stellar and Galactic Astronomy 1

The following topics from Astronomy 103 will be discussed in depth: the sun, ages and evolution of stars, stellar populations, variable and unusual stars, the universe of galaxies. Open to students who have taken 103 and who have four admission units in mathematics or have taken or are taking Mathematics 110 or the equivalent.

MR. BIRNEY, MR. ADLER

200 (2) Modern Physics 1

For description and prerequisite see Physics 200. **NOT OFFERED IN 1972-73.**

202 (1) Optical Physics 1

For description and prerequisite see Physics 202.

203 (1) Recent Developments in Astronomy 1

Contemporary problems in optical, radio, and space astronomy. Astronomical observations from outside the earth's atmosphere. Radio galaxies and quasars. Prerequisite: 103.

MR. BIRNEY

206 (1) Basic Astronomical Techniques I 1

Visual and photographic use of the telescopes. Optics applied to astronomical instruments. Astronomical coordinate systems. Spherical trigonometry. Conversion of time and use of Ephemeris. Star catalogs. Quantitative classification of stellar spectra. Prerequisite: 103 and Mathematics 111.

MR. ADLER

207 (2) Basic Astronomical Techniques II 1

Measurement of stellar radial velocities. Photoelectric and photographic photometry. Applications of the Method of Least Squares and statistical methods. The semester's work includes an independent project at the telescope. Prerequisite: 206.

MR. ADLER

216 (1) Applications of Mathematics in the Physical Sciences I 1

For description and prerequisite see Extradepartmental 216.



217 (2) Applications of Mathematics in the Physical Sciences II **1**

For description and prerequisite see Extradepartmental 217.

302 (2) Galactic Structure **1**

Distribution and kinematics of the stellar and nonstellar components of the Galaxy. Local structure, solar motion, velocity ellipsoids. Large scale structure, populations, rotation. Prerequisite: 103, and 216 or Mathematics 208.

MISS HILL

304 (1)* Introduction to Astrophysics **1**

The physical nature of the sun and stars derived from analysis of their spectra. Prerequisite: same as for 302. **NOT OFFERED IN 1972-73.**

349 (1)* Selected Topics **1**

Intensive study of a specific field. Prerequisite: same as for 302.

MISS HILL

350 (1) (2) Research or Individual Study **1 or 2**

Open to juniors and seniors by permission.

370 (1-2) Honors Program **2 to 4**

Required of all honors candidates in the department.

Directions for Election

The following courses form the minimum major: 103, 104, 207, 217, 302; Physics 200, 202; and one additional Grade III unit in physics or astronomy. Extradepartmental 110 is strongly recommended. In planning a major program students should note that some of these courses have prerequisites in mathematics and/or physics. Additional courses for the major may be elected in the departments of physics, mathematics, astronomy.

A substantial background in physics is required for graduate study in astronomy. A student planning to enter graduate school in astronomy should supplement the minimum major with courses in physics, including Physics 306 and, if possible, other Grade III work. The student is also urged to acquire a reading knowledge of French, Russian, or German.

See p. 42 for a description of Whittin Observatory and its equipment.

BIOLOGICAL SCIENCES

PROFESSOR: Creighton, Fiske
ASSOCIATE PROFESSOR: Widmayer (Chairman),
Harrison
ASSISTANT PROFESSOR: Bibb^a, Allen, Smith,
Rubenstein, Fogel, Dobbins
LABORATORY INSTRUCTOR: Dermody, Muise

LABORATORY OF ELECTRON MICROSCOPY

PROFESSOR: Padykula
ASSOCIATE PROFESSOR: Gauthier

Unless otherwise noted all courses meet for five periods of lecture, discussion, and laboratory weekly, except for seminars that meet for two periods.

103 (1) Plant Biology 1

Investigations of plants in the laboratory, field, and greenhouses through observations and experimentation. Emphasis on growth and reproduction in the flowering plants. Open to all students.

MISS CREIGHTON, MR. DOBBINS

104 (1) Microbiology 1

Structure, growth, reproduction, and activities of microorganisms, their interaction with the environment, and their economic uses. Open to all students.

MRS. ALLEN

105 (1) Animal Biology 1

Study of representative animals from single-celled organisms to man, illustrating the main evolutionary trends seen in the development of body plans and organ systems. Some work in embryology. Emphasis on structure and function in the vertebrates. Open to all students, but not recommended for those who have taken 109.

MRS. HARRISON, MR. RUBENSTEIN, MISS SMITH,
MRS. MUISE

106 (2) Cell Biology 1

Investigations of cells and organisms through observation and experimentation. Study of cell structure, cell chemistry, energy relationships, and genetics. Open to all students except those who have taken [107] and [108].

MRS. FOGEL

109 (2) Human Biology 1

Study of anatomy and physiology of man. Some work on human genetics, population control, nutrition, and immunity. Two lectures weekly with a double period every other week for demonstration-discussions. Does not meet the laboratory science distribution requirement. Will not count toward the minimum major in biological sciences. Open to all students except those who have taken 105.

MRS. FISKE, MRS. HARRISON, AND STAFF

201 (1) (2) Introductory Ecology 1

An introduction to population and community ecology. Interspecific and intraspecific relationships among organisms. Succession of plants and social behavior of animals. Emphasis on evolutionary aspects of ecology. Open to students who have taken one unit of biology, or by permission of the instructor.

MISS SMITH

202 (1) Comparative Anatomy 1

Comparative anatomy of the chordates with emphasis on evolutionary trends within the vertebrate group. Dissection of representative forms including the dogfish and the cat. Open to students who have taken 105, and to juniors and seniors without prerequisite.

MR. RUBENSTEIN

203 (2)* Biology of Vascular Plants 1

A study of ferns and seed plants with emphasis on their anatomy, morphology, and taxonomy. Observation and experimentation in the laboratory, field, and greenhouses. Open to students who have taken one unit of biology or the equivalent, or by permission of the instructor.

MR. DOBBINS

205 (1) Genetics 1

Principles of inheritance; structure and function of hereditary informational molecules; application of genetic principles to biological problems. Laboratory and lecture material selected from plant, animal, microbial and human studies. Two periods of lecture and one laboratory session. Prerequisite: 103 or 104 or 106 or [107] or by permission of the instructor.

MISS CREIGHTON, MISS WIDMAYER

206 (1) Histology-Cytology I: Cell and Tissue Structure 1

The microscopic organization of animal cells and tissues. Ultrastructural and cytochemical features considered, especially in relation to functional activity. Laboratory study includes direct experience with selected histological and histochemical techniques. Prerequisite: 106 or [107], and 105 or 202 or the equivalent.

MISS PADYKULA, MISS GAUTHIER

207 (2)* Biology of Nonvascular Plants 1

A study of representative algae, fungi, lichens, mosses, and liverworts with emphasis on identification and their use as experimental organisms. Observation and experimentation in the laboratory, field, and greenhouses. Prerequisite: same as for 203. **NOT OFFERED IN 1972-73.**

MR. BIBB

208 (2) Basic Horticulture 1

Fundamentals of cultivation and propagation of plants; the effects of environment on their growth, and the methods of control of pests and diseases. Open to juniors and seniors without prerequisite, and to others who have had 103 or the equivalent.

MISS CREIGHTON



209 (2) Bacteriology 1

Structural organization of bacteria, their metabolism, and their environmental and biological relationships including disease and immunity. Laboratory projects. Prerequisite: one unit in biology and one unit in chemistry, or two units in chemistry, or permission of the instructor.

301 (1) Cell Physiology 1

Study of the molecular basis of cell function: energy conversions, biological membranes, contractility, cell communication and selected topics. Emphasis on experimental design and methods. Prerequisite: 106 or [107] and Chemistry 107. Strongly recommended courses are 205 and Chemistry 201 and 210 or the equivalent.

MRS. FOGEL

302 (2) Animal Physiology 1

Study of function of organ systems in animals. Emphasis on the vertebrates. Prerequisite: 105 and Chemistry 107, or permission of the instructor.

MRS. HARRISON

303 (1) Plant Physiology 1

Hormonal and other aspects of plant growth and development, physiology of reproduction, mineral nutrition, water relations, photosynthesis, and selected topics. Prerequisite: 103 and Chemistry 107, or permission of the instructor.

MR. DOBBINS

304 (2) Histology-Cytology II: Structure of Organ Systems 1

Analysis of the microscopic organization of organ systems, particularly those of the mammal. Detailed examination of selected specialized cells; the relationship of ultrastructural and cytochemical features to characteristic physiological processes. Prerequisite: 206 and permission of the instructor.

MISS PADYKULA, MISS GAUTHIER

305 (2) Advanced Genetics Seminar 1

Cytological and biochemical aspects of gene structure and function; mutational and recombinational processes; problems of cellular differentiation. Two periods of lecture. Prerequisite: 205, and either 301 or Chemistry 201 or the equivalent, or permission of the instructor.

MISS WIDMAYER

306 (2) Embryology 1

Ontogenetic development in chordates and related forms: fertilization, cleavage, differentiation, organogenesis, metamorphosis, and growth phenomena. Maintenance of pregnancy in mammals. Laboratory emphasis on topographic anatomy and experimental procedure. Open by permission of the instructor.

MR. RUBENSTEIN

307 (2)* Advanced Ecology 1

In-depth study of population dynamics, speciation, competition, and pollution. Extensive readings in primary source material. Laboratory and field studies. Prerequisite: 201 or permission of the instructor.

MISS SMITH

308 (2)* Plant Morphogenesis 1

Experimental study of internal and external factors affecting the development of form. Tissue culture and preparation of tissues for cytochemical and microscopic study. Prerequisite: 203 or 207 or permission of the instructor.

MR. DOBBINS

312 (1) Endocrinology 1

Regulation and action of hormones, neurohormones, and pheromones. Emphasis on the study of current literature and an original group laboratory project. Prerequisite: 105 and one unit of chemistry. Strongly recommended courses are 205 and 302.

MRS. FISKE



313 (2) Microbial Physiology and Cytology 1

Micro-organisms used as model systems for the study of cellular growth and its physiological basis, metabolic patterns, biochemical genetics, and relation of structure to function. Prerequisite: 104 or 106 or [107] or 209, and two units of chemistry, or permission of the instructor.

MRS. ALLEN

314 (1) Advanced Topics in Microbiology 1

Topic for 1972-73: To be announced. Open by permission of the instructor.

315 (2)* Terrestrial Vertebrate Zoology 1

The forms, function, and evolution of amphibians, reptiles, birds, and mammals as related to their distribution, behavior, and ecology. Laboratory includes field identification and individual projects. Two lectures and one laboratory period weekly. Prerequisite: 105, and either 201 or 202, or permission of the instructor. **NOT OFFERED IN 1972-73.**

MISS SMITH

319 (1) Advanced Cytology: Biological Ultrastructure 1

Introduction to the principles and major procedures of electron microscopy. Emphasis on interpretation of ultrastructural and cytochemical features of cellular components, particularly as related to functional activity. A knowledge of the basic principles of biochemistry strongly recommended. Prerequisite: 304 and Chemistry 201 and permission of the instructor.

MISS PADYKULA, MISS GAUTHIER

324 (1) Biochemistry I 1

For description and prerequisite see Chemistry 324.

325 (2) Biochemistry II 1

For description and prerequisite see Chemistry 325.

330 (1) Seminar 1

Topics in marine biology. Open ocean and estuarine environments. Emphasis on organisms, productivity, nutrient cycling, and physical and chemical parameters. Open by permission of the instructor.

MRS. FOGEL

- 331 (2) Seminar 1**
 Topics in invertebrate zoology. Open by permission of the instructor.
 MR. RUBENSTEIN
- 350 (1) (2) Research or Individual Study 1 or 2**
 Open to juniors and seniors by permission.
- 370 (1-2) Honors Program 2 to 4**
 Required of all honors candidates in the department.

Directions for Election

A major in biological sciences must include two Grade I units or their equivalents. Course 109 counts as a non-laboratory science for the distribution requirement for the degree but does not count toward a minimum major in biological sciences. The major must also include either one unit in physics and Chemistry 106, or Chemistry 106 and 107. Biological Science 205 and Chemistry 210 are strongly recommended. Courses in biochemistry, 324 and 325, may be counted toward the major in biological sciences with the approval of the chairman.

For the minimum major only two Grade I units are recommended. A minimum major must include at least four units with laboratory work, two units above the Grade I level. The two Grade III units for the minimum major must be taken at Wellesley College. Independent summer study will not count toward a minimum major.

Within the major, students may design a program in general biology or one which emphasizes subjects dealing with animals, plants, or micro-organisms. A broad training in the various aspects of biology is recommended.

Students interested in an interdepartmental major in molecular biology are referred to p. 225 where the program is described. They should consult with the director of the molecular biology program.

Students planning graduate work are advised to take calculus, the recommended chemistry, and two units of physics, and to acquire a reading knowledge of one or more of the following languages: French, German, Russian.

Premedical students are referred to the requirements given on p. 62.

Credit toward the M.A. degree will be given to graduate students for all Grade III courses.

CHEMISTRY

PROFESSOR: Crawford^d, Webster, Rock

ASSOCIATE PROFESSOR: Loehlin (Chairman), Friedman

ASSISTANT PROFESSOR: Hicks, Colb, Kolodny³,
Gasparro

Unless otherwise noted, Grade I and II courses meet for two periods of lecture and one three and one-half hour laboratory appointment weekly. Grade III courses meet for two periods of lecture weekly.

101 (1) Contemporary Problems in Chemistry I 1

Consideration of selected aspects of chemistry and related chemical concepts. Topic for 1972-73: The styro-foam society. The risks versus the benefits of scientific endeavor. Not to be counted toward the major. Open to students who present one admission unit in chemistry.

MR. COLB

102 (2) Contemporary Problems in Chemistry II 1

Consideration of selected aspects of chemistry and related chemical concepts. Topics for 1972-73: Impact of chemistry on man and his environment. Emphasis on the chemical nature of materials and processes in daily use such as metabolism, foods, food additives, synthetic materials, household products, cleaners, poisons, drugs, and pollution. An extra meeting each week is required for students who do not present one admission unit in chemistry. Not to be counted toward the major. Open to all students.

MISS HICKS

106 (1) (2) The Chemical Bond 1

Properties of matter, atomic structure, bonding, and stereochemistry stressing the relationship between structure and properties. An extra meeting each week is required for students who do not present one admission unit in chemistry and may be required for those who need supplementary work. Open to all students.

THE STAFF

107 (2) Equilibrium 1

Acid-base, complex-ion, solubility, redox, and solvent-distribution equilibria. Prerequisite: 106.

THE STAFF

201 (1) Organic Chemistry I 1

A study of the synthesis and reactions of typical organic compounds. An additional period may be required of AP students. Prerequisite: 107.

MISS WEBSTER, MR. COLB

203 (2) Chemical Thermodynamics and Kinetics 1

Experimental and theoretical aspects of the study of thermodynamics of chemical systems and the rates and rate processes of chemical reactions. An additional period may be required of AP students. Required for admission to all Grade III courses, including biochemistry. Prerequisite: 107 and one unit of college physics or the equivalent. Prerequisite or corequisite: Mathematics 111 or the equivalent.

MR. LOEHLIN

210 (2) Organic Chemistry. Molecules of Biological Significance **1**

A continuation of 201 stressing the structure and reactions of biologically significant molecules and the mechanisms of biochemical reactions. A terminal course. Students wishing to take biochemistry or other Grade III courses should elect 203. Prerequisite: 201.

MISS WEBSTER

300 (1) (2) Foundations for Chemical Research **1**

A coordinated program to introduce the student to research methods through the literature and the laboratory. At the beginning of the semester there will be a series of lecture-demonstrations, after which the students will pursue a program related to the work in those Grade III level chemistry courses which they elect for the major. The student is expected to spend the equivalent of 11 hours a week for one semester. One unit of credit will be given on satisfactory completion of the program. Required for a major in chemistry and molecular biology. Prerequisite: 201 and 203.

THE STAFF

303 (2) Organic Chemistry II **1**

Correlation of structure and reactivities in organic systems through a study of reaction mechanisms. Prerequisite: same as for 300.

MR. COLB

304 (1) Inorganic Chemistry **1**

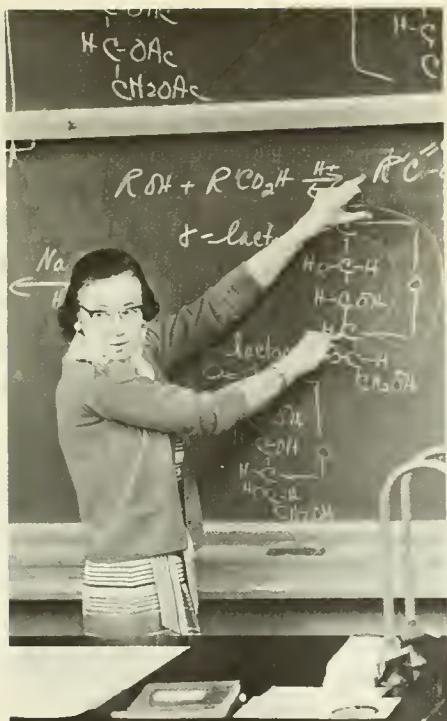
Structure and reactivities in inorganic systems, using examples which show the relationship between chemical systems and the environment. Prerequisite: same as for 300.

MR. FRIEDMAN

305 (1) Structural Chemistry **1**

The structure of matter: states of matter, elementary quantum theory, and spectra. Prerequisite: 201, and [202] or 203; one unit of mathematics which has a prerequisite of Mathematics 111. Prerequisite or corequisite: a second unit of college physics.

MISS ROCK



317 (2)* Selected Topics in Physical Chemistry 1

Normally a different topic each year. Topic for 1972-73: Physico-chemical aspects of natural water systems. Prerequisite: 201, and [202] or 203.

MISS ROCK

318 (1)* Selected Topics in Inorganic Chemistry 1

Normally a different topic each year. Prerequisite: same as for 317. **NOT OFFERED IN 1972-73.**

319 (2)* Selected Topics in Organic Chemistry 1

Normally a different topic each year. Prerequisite: 303. **NOT OFFERED IN 1972-73.**

320 (2)* Selected Topics in Biochemistry 1

Normally a different topic each year. Prerequisite: 324. **NOT OFFERED IN 1972-73.**

324 (1) Biochemistry I 1

A study of the chemical and physical-chemical nature of proteins, nucleic acids, and enzymes, emphasizing structure-function relationships. Protein and nucleic acid synthesis. Not open to students who have taken [322]. Prerequisite: same as for 317. Biology 106 and 205 are recommended.

MISS HICKS



325 (2) Biochemistry II **1**

A study of biochemical energetics, intermediary metabolism, and the mechanism of enzyme and coenzyme action, with emphasis on mechanisms of reactions and regulations. Not open to students who have taken [323]. Prerequisite: same as for 317.

MISS HICKS

350 (1) (2) Research or Individual Study **1 or 2**

Open by permission to students who have taken at least two Grade II units in chemistry.

370 (1-2) Honors Program **2 to 4**

Required of all honors candidates in the department.

Directions for Election

The eight units required for the chemistry major must include 300 and three additional Grade III units exclusive of 350 and 370. In addition, two units of college physics and one unit of mathematics which has Mathematics 111 as a prerequisite are required for the major.

Students interested in biochemistry or molecular biology are referred to p. 225 where the program is described. They should consult with the director of the molecular biology program.

Students who plan to do graduate work should acquire a reading knowledge of German and of either French or Russian, and consider additional advanced courses in mathematics and physics.

Premedical students are referred to the requirements given on p. 62. Note that either 203 or 210 are acceptable to most medical schools as the fourth chemistry unit.

The American Chemical Society has established a set of requirements which it considers essential for the training of chemists. Students wishing to meet the standard of an accredited chemist as defined by this society should consult the chairman of the department of chemistry.

Placement and Exemption Examinations

Students who have had Advanced Placement courses, or two years of secondary school chemistry, or other unusually good preparation should consider the possibility of exempting Chemistry 106 and/or 107 by examination. For exemption with credit students will be expected to submit laboratory notebooks or reports.

CHINESE

ASSOCIATE PROFESSOR: Lin (Chairman)
LECTURER: Yu

100 (1-2) Elementary Chinese 2

Introduction to spoken and written Mandarin Chinese. Pronunciation, sentence structure, conversation, reading, and character writing. Four periods. Open to all students.

MRS. LIN

200 (1-2) Intermediate Chinese 2

Reading with emphasis on vocabulary building; review of sentence structure, composition, and oral expression. Discussion of current events and cultural topics. Four periods. Prerequisite: 100 or permission of the instructor.

MRS. YU

250 (1) Readings in Modern Style Writings 1

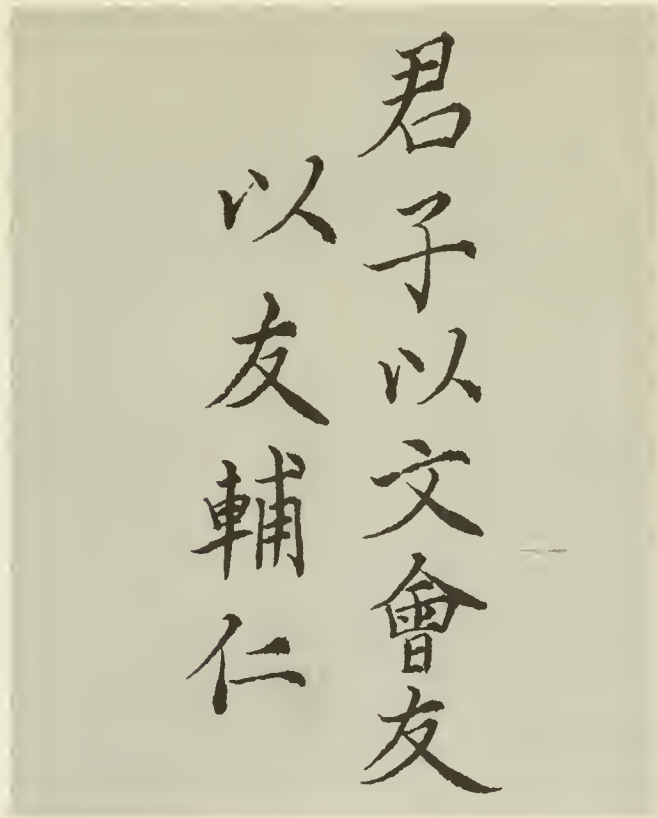
Reading and discussion in Chinese of selections from contemporary writings, including essays on various topics such as art, economics, history, philosophy, political theory, and sociology. Three periods. Prerequisite: 200 or permission of the instructor.

MRS. LIN

251 (2) Topics in Chinese Culture of Today 1

Reading and discussion in Chinese of various topics of selections from representative texts, current periodicals, and news editorials of Mainland China and Taiwan. Oral report, short papers, translations in Chinese. Three periods. Prerequisite: 250 or permission of the instructor.

THE STAFF



300 (2) Readings in Contemporary Chinese Literature 1

Reading and discussion in Chinese of selections from plays, poetry, short stories, novels, and essays. Three periods. Prerequisite: same as for 251.

MRS. LIN

310 (1) Introduction to Literary Chinese 1

Wen-yen grammar, reading, and discussion in Chinese of selections of simple texts in classical Chinese. Two periods. Prerequisite: 300 or permission of the instructor.

MRS. YU

311 (2) Readings in Elementary Classical Chinese 1

Reading and discussion in Chinese of selections of poetry, prose, traditional short stories, and novels. Two periods. Prerequisite: 310 or permission of the instructor.

MRS. YU

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to qualified students.

Directions for Election

Although the College does not offer a major in Chinese language and literature, students who major in Asian studies or Chinese studies that relate to China should consult the chairman of the department and the advisor early in the college career.

For a student majoring in Asian studies who does not intend to do graduate work, at least one year of Chinese is encouraged, but not required. For a student majoring in Chinese studies, the minimum requirement is six units in Chinese language and literature. History 275, 276, 345, 346; Political Science 306; Art 248; and Religion 251 are strongly recommended as related courses.

Students who wish to do graduate work in Asian studies are advised to complete at least two years of Chinese language training.

Course 350 is an opportunity for properly qualified students to work independently in fields not covered in other courses in the department. It can also provide continuing study in classical Chinese literature.

For the non-Mandarin speaking students who can read and write Chinese and wish to continue Chinese studies, arrangements can be made for tutorial classes or special help. Students should contact the department chairman.

ECONOMICS

PROFESSOR: Clemence, Bell, Goldman (Chairman)
ASSOCIATE PROFESSOR: Morrison^a
ASSISTANT PROFESSOR: Crandall
INSTRUCTOR: Johnson, Munyon, Ladd³, Tolpin³
LECTURER: Calderwood³

100 (1) (2) Survey of Modern Macro-Economics 1

Analysis of economic problems and policies with special reference to the United States today. Organization and operation of business enterprise; labor and management; prosperity and depression; money and banking; the national income and its distribution. Weekly tutorials in each semester for freshmen who elect 100 in the first semester and 101 in the second semester. (See Economics 355). Open to all students.

THE STAFF

101 (1) (2) Survey of Modern Micro-Economics 1

Competition and monopoly; demand and supply; analysis of firms and industries; balance of payments; foreign aid and foreign trade; economic growth; comparison of the American economy with others. Open to all students.

THE STAFF

201 (1) (2) Micro-Economic Analysis 1

Micro-economic theory; analysis of the individual household, firm, and industry. Prerequisite: 100 and 101.

MRS. BELL, MR. MUNYON



202 (1) (2) Macro-Economic Analysis 1

Macro-economic theory; analysis of aggregate income, output, and employment. Prerequisite: same as for 201.
MRS. CRANDALL, MRS. JOHNSON

203 (2)* Economic History 1

An economic analysis of European development in the 18th and 19th centuries. A selective application of classical and neoclassical growth models. The development of the market system and modern economic society. Prerequisite or corequisite: 100 and 101.

MR. MUNYON

204 (1)* American Economic History 1

The "new" economic history. A sectoral and factorial analysis of the development of the American economy from colonial times to the 20th century. The economics of slavery and the Civil War. The emergence of an industrial state. Prerequisite: same as for 203. **NOT OFFERED IN 1972-73.**

MR. MORRISON

205 (1) The Corporation 1

The development of the modern corporation and its place in the economy. Corporation organization and financial management. Financial markets; the technical and fundamental aspects of the stock market. Government regulation of corporations and markets. Prerequisite: same as for 203.

MR. CALDERWOOD

210 (1) Money and Banking 1

The structure and operation of the monetary system. Commercial banking and other financial institutions. The Federal Reserve System. Monetary theory and policy. Prerequisite: same as for 203.

MRS. JOHNSON

211 (1) (2) Elementary Statistics 1

Descriptive statistics and an introduction to statistical inference. Expected values, probability distributions, and tests of significance. Classical models of bivariate and multiple regression. Problem solving by means of the time-sharing computer. Prerequisite: same as for 201.

MRS. JOHNSON, MRS. TOLPIN

249 (2) Seminar. The Economics of Environmental Disruption 1

Is economic growth without environmental deterioration possible? The economic forces (externalities) which cause pollution; the costs and who bears the costs; the extent of the problem and possible solutions both here and abroad. Prerequisite: same as for 201.

MR. GOLDMAN

301 (1) Comparative Economic Systems 1

The economics of capitalism, socialism, fascism, and communism. Prerequisite: 201 or 202.

MR. GOLDMAN

302 (2) Economic Development 1

The problems and possibilities of the less developed countries. Prerequisite: same as for 301. **NOT OFFERED IN 1972-73.**

MR. GOLDMAN

305 (2) Industrial Organization 1

Analysis of the structure, conduct, and performance of particular industries in the economy. Prerequisite: 201.

MRS. CRANDALL

307 (1) Consumption and Marketing 1

Analysis of the theory of consumer choice and of market models applied to patterns of income, spending, and saving. Prerequisite: 201, 202, and 211.

MRS. BELL

310 (2) Public Finance 1

Principles, practices, and economic effects of the public sector. The goals of public finance. A seminar treatment of current issues of fiscal policy. Prerequisite: 201.

MRS. LADD

312 (2) Economics of Accounting 1

How economists use accounting data in financial analysis and cost accounting in determining price policy and capital spending. Social accounting and the economy: aggregate data and their analysis. Prerequisite: 201.

MRS. BELL

314 (1) International Economics 1

Theory of international trade. Methods of adjustment to disequilibrium in balance of payments. The impact of international movements of commodities and capital on economic activity in the past and since World War II. Current problems: international liquidity, economic integration, the United States balance of payments. Prerequisite: 201 and 202.

MR. MUNYON

315 (1) History of Economic Thought 1

The development of economic thought from ancient to modern times. A brief survey of early economic ideas followed by a more detailed examination of the history of economics since 1776. The systems of the leading economists in the light of their own times and of the present day. Prerequisite: 201.

MR. CLEMENCE

316 (2) Seminar. Recent Economic History 1

Economic history from the depression to the "new" economics. Stagnation, growth, and inflation: an analysis of the major economic events of the 1950's and the 1960's. Prerequisite: 202. **NOT OFFERED IN 1972-73.**

MR. MORRISON

317 (2) Seminar. Mathematical Economics 1

Applications of elementary calculus to selected topics in economic theory. Use of basic econometric techniques to estimate consumption, investment, and price relationships. Problems and use of computation facilities. Prerequisite: same as for 307.

MRS. JOHNSON

349 (2) Seminar 1

Topic for 1973-74: To be announced. Open to all senior majors and to others by permission of the instructor. **NOT OFFERED IN 1972-73.**

MRS. CRANDALL

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors who have taken 201 and 202.

THE STAFF



355 (1-2) Tutorial and Seminar

2

A survey of economic theory and policy. Seminar reports on research and independent study; tutorials for 100 (1) and 101 (2) conducted by each student. Open upon department recommendation to senior majors.

MR. CLEMENCE

370 (1-2) Honors Program

2 to 4

Required of all honors candidates in the department.

Directions for Election

The complete survey course consists of both 100 and 101. Neither 100 nor 101 is a prerequisite for the other and either may be elected separately for one unit of credit.

A student who plans to take any course after 100 and 101 should consult either the instructor or the department chairman.

Courses 201, 202, and 211 are required for the major; 203 and 204 are strongly recommended.

Students planning careers in business or law should also give special consideration to 205, 210, 305, 307, 312, and 314. Those who plan to study economics in graduate school should take 317.

All students are strongly urged to take mathematics as a related subject.

EDUCATION

ASSOCIATE PROFESSOR: Bradley (Chairman)
ASSISTANT PROFESSOR: Sipple, Sleeper

101 (1) (2) Education in Historical Perspective 1

Origins of compulsory mass education. Influence of Plato, Comenius, Fichte, Kant, Jefferson, Franklin, Mann, Barnard, and others upon the structure of education. Contributions of mass education to cultural development. Open to all students except those who have taken [201].

MRS. BRADLEY, MR. SLEEPER

200 (1) (2) Modern Philosophies of Education 1

Impact of such philosophies as idealism, realism, experimentalism, reconstructionism, and existentialism on education and its generation of socio-ethical values and responsibilities. Not open to students who have taken [100]. Open to sophomores, juniors, and seniors who have taken 101 or 201, and to freshmen by permission of the instructor.

MRS. BRADLEY, MR. SLEEPER



206 (1) Sociology of Education

1

The school as a social system, the politics and economics of schooling; organizational constraints on the schools; the influence of environment and groups on learning. Prerequisite: Sociology 102.

MR. SIPPLE

207 (1) Problems in Teaching and Learning

1

Weekly seminars concerned with readiness for teaching, social and psychological factors in teaching and learning, and planning and evaluation of teaching approaches. Required field work: a teaching assignment in a public or private school, with guidance from a supervising teacher in the schools and from interested College faculty in their major departments. Open to juniors and seniors by permission of the instructor. **NOT OFFERED IN 1972-73.**

MR. SIPPLE

300 (1) The Secondary School

1

Aims, organization, and administration of United States secondary schools, including "new" and "free" schools. Case study method employed to reveal today's problems and potentials in their historical perspective. Prerequisite: [100] or 101 or 200.

MR. SIPPLE

301 (2) Comparative Studies of Educational Systems 1

A study of the impact of old and new educational policies, plans, and ideals as seen in various sections of the United States and in selected foreign countries. Open by permission of the instructor.

MRS. BRADLEY

302 (2) Methods of Teaching 1

Study of teaching objectives and classroom procedures in secondary schools. Review of learning theories. Class divided into groups for seven weeks of intensive work in the methods and materials of a specific subject matter; for example, English, foreign language, social science, science. Observation in school required five days a week. Open only to seniors. Students electing 302 and 303 may include in addition one unit of independent study in the same semester. Prerequisite: 300 or permission of the instructor. Corequisite: 303.

MR. SIPPLE, MR. SLEEPER

303 (2) Curriculum and Supervised Teaching 1

Study of curriculum and sequence of courses offered in secondary schools. Methods and supervised teaching in student's major teaching field throughout the semester. Corequisite: 302.

MR. SIPPLE, MR. SLEEPER

350 (1) (2) Research or Individual Study 1 or 2

Open to juniors and seniors by permission.

Directions for Election

The department offerings are intended to acquaint students systematically with the history of compulsory free education as developed in the United States and now practiced in many countries under different forms, the philosophies which underlie these efforts, the problems to be solved, and, as an adjunct, to aid students who wish to enter teaching immediately after graduation.

Students who intend to teach should (in their freshman year if possible) consult the department concerning the various city and state requirements for the certificate to teach and the appropriate undergraduate preparation for fifth year and paid intern programs which combine professional study with further study in teaching fields and lead to advanced (M.A.T., Ed.D., Ph.D.) degrees.

For those interested in secondary school teaching upon graduation, the following program is recommended:

Freshman year:	Education 101 and Psychology 101
Sophomore year:	Education 200, and Psychology 212 or 217 or 219
Junior year:	Education 300, and 206 or 301
Senior year:	Education 302 and 303

Preparation to teach in elementary schools should include:

Freshman year:	Education 101 and Psychology 101
Sophomore year:	Education 200 and Psychology 207
Junior year:	Education 206 or 301; Psychology 212 or 217

A summer program, preferably preceding the senior year, at another accredited institution should include Methods and Supervised Teaching for the Elementary School. With careful planning the same courses can be taken under the Twelve College Exchange Program.



ENGLISH

PROFESSOR: Prettyman, Corsa, Lever, Quinn^a, Layman,
Ferry, Garis (Chairman), Spacks
ASSOCIATE PROFESSOR: Craig, Gold
ASSISTANT PROFESSOR: Phillips, Kurtz, Pinsky,
Linfield^a, Gertmenian, Sabin
INSTRUCTOR: Bland
LECTURER: Eyges, Stubbs, Hilferty³, Walker³, Moss³,
Bidart³

108 (2) Interpretations of Man in Western Literature 1

For description and prerequisite see Extradepartmental 108.

109 (1) (2) Expository Writing I 1

A workshop providing instruction in the fundamentals of writing expository essays. Open to all students.

THE STAFF

110 (2) Expository Writing II 1

A continuation of 109. Weekly assignments designed to meet the student's particular interests and needs. Frequent conferences. Open to students who have taken 109 and have the consent of their advisor or class dean.

MRS. STUBBS

150 (1) (2) Colloquia**1**

For directions for applying see p. 234. Open by permission to a limited number of freshman and sophomore applicants.

(1)

a. Poetry and revolution. Milton and Blake as their poetry reacts to the English and French revolutions respectively. An introduction to the methods of historical criticism.

MR. GOLD

b. Evaluation of literature. The premises of literary taste and preference, examined specifically in relation to examples of recent and contemporary literature. Some attention to critical theories of literary judgment.

MR. PHILLIPS

(2)

a. Women writers and women's problems. A study of selected writings by women, with attention to modes of feminine self-awareness and self-presentation.

MRS. SABIN, MRS. EYGES

b. Faulkner. Intensive study of selected short stories and novels.

MISS CORSA

200 (1) (2) Short Narrative**1**

Sketches and the short story. For interested students, experience in the writing of one-act plays. Open to all students except those who are taking another writing course.

MR. KURTZ, MRS. MOSS, MR. BIDART

201 (2) The Critical Essay**1**

Workshop in practical criticism. Attention to the premises of different kinds of literary analysis and judgment. Writing of critical essays in conjunction with readings in some important contemporary criticism. Open to all students.

MRS. SABIN

202 (2) Poetry**1**

The writing of short lyrics and the study of the art and craft of poetry. Open to students who have taken 209 or 210 or by permission of the instructor.

MR. PINSKY



209 (1) (2) Studies in Poetry 1

Intensive study of essential techniques and backgrounds of poems. Continuity will be provided through concentration on the history of the lyric. Strongly recommended as preparation for 210, 230, 231, and other poetry courses. Open to all students except those who have taken [103].

MISS PRETTYMAN, MRS. GERTMENIAN,
MR. PINSKY, MR. BLAND

210 (1) (2) Modern Poetry 1

British and American poetry and poets, recent and contemporary. Open to all students.

MR. FERRY, MR. KURTZ

212 (1) (2) Modern Drama 1

The study of British, American, and European drama from Ibsen to the present day. Open to all students.

MISS LEVER, MRS. SPACKS, MR. KURTZ,
MRS. GERTMENIAN

- 215 (1) (2) Shakespeare 1**
 The study of a number of representative plays with emphasis on their dramatic and poetic aspects. Open to all students.
 MISS PRETTYMAN, MISS CRAIG,
 MRS. GERTMENIAN, MR. BLAND
- 217 (1) (2) Milton 1**
 A study of Milton's lyric, epic, and dramatic poetry and some prose. Open to all students.
 MISS LEVER, MR. BLAND
- 218 (1) The History of the English Novel I 1**
 The beginnings of the English novel in the 18th century: Defoe through Jane Austen. Open to all students.
 MISS CORSA, MRS. SPACKS
- 219 (2) The History of the English Novel II 1**
 The 19th century English novel from the Brontës to Joyce. Open to all students.
 MISS CORSA, MRS. SPACKS, MR. KURTZ
- 220 (1) (2) Chaucer 1**
 A study of Chaucer's poetry tracing the development of his art, with some attention to the relation of his work to the social and literary background of his time. Open to all students.
 MISS CORSA, MR. LAYMAN
- 223 (1) American Literature I 1**
 A survey of American literature from its Puritan beginnings to *Moby-Dick*. Emphasis upon major figures. Open to all students.
 MR. GOLD
- 224 (2) American Literature II 1**
 American writers from Whitman to World War I. Emphasis upon major figures. Open to all students.
 MR. GOLD
- 225 (1) (2) American Literature III 1**
 American writers from World War I to the present: prose and poetry. Open to all students.
 MR. FERRY, MR. GOLD, MR. PHILLIPS

226 (1) (2) Studies in Fiction 1

Studies of the nature of prose fiction. Readings drawn principally from British, American, and European writers of the 19th and 20th centuries. Usually organized around a central topic or theme. Open to all students.

MR. PHILLIPS, MR. KURTZ, MR. PINSKY, MRS. MOSS

228 (2) Black Literature in America 1

Poetry and prose from slave narratives to the present day with emphasis upon modern major figures. Open to all students.

MISS WALKER

230 (1) Romantic Poets I 1

Poems and critical writings of Wordsworth and Coleridge. Open to all students.

MRS. SABIN

231 (2) Romantic Poets II 1

Poems and critical writings of Byron, Shelley, and Keats. Open to all students.

MISS PRETTYMAN, MR. FERRY

232 (1) (2)* English Comedy in Various Genres 1

The development, variety, and continuity of English comic writing. Open to all students. **NOT OFFERED IN 1972-73.**

233 (1)* English Tragic and Heroic Drama 1

Continuity and change in English drama before the modern period, with emphasis on the 16th and 17th centuries. Open to all students.

MR. LAYMAN

301 (1) The Short Story 1

Techniques of short story writing together with practice in critical evaluation of student work. Open to juniors and seniors who have taken one Grade II workshop, and by permission of the instructor to other qualified students.

MR. BIDART

302 (2) Fiction 1

Intensive practice in the writing of prose fiction, the short story, or the novella according to the interest of the individual student. Prerequisite: same as for 301.

MRS. MOSS



305 (1) Advanced Studies in Shakespeare I 1

Plays written between 1591 and 1606, such as *Richard II*, *Henry IV*, *Much Ado about Nothing*, *Troilus and Cressida*, *Hamlet*, *Measure for Measure*, *Othello*. Open to juniors and seniors who have taken or are taking two Grade II literature courses in the department, and by permission of the instructor to other qualified students.

MISS CORSA, MR. FERRY, MISS CRAIG

306 (2) Advanced Studies in Shakespeare II 1

Plays written between 1606 and 1611, such as *King Lear*, *Macbeth*, *Antony and Cleopatra*, *Coriolanus*, *Cymbeline*, *The Winter's Tale*, *The Tempest*. Prerequisite: same as for 305.

MR. LAYMAN, MR. FERRY, MR. PHILLIPS

307 (1) Criticism 1

Problems and principles of critical theory, with emphasis upon modern critical trends. Prerequisite: same as for 305.

MISS PRETTYMAN

308 (2)* The Middle Ages and Renaissance in England 1

Permanence and change in some major literary forms from 1350 to 1600. Special attention given the religious and intellectual ferment of the 16th century. Reading, both intensive and extensive, to include (partly in modern versions) *Gawain and the Green Knight*, *Piers Plowman*, More, Sidney, Marlowe, and Spenser. Prerequisite: same as for 305.

MISS LEVER

310 (2)* The Age of Satire 1

A study of satire as social response and as literary phenomenon, exemplified in the work of such writers as Dryden, Congreve, Gay, Swift, and Pope. Prerequisite: same as for 305.

MRS. GERTMENIAN

311 (2)* From Neoclassic to Romantic 1

The shift of sensibility from the 18th to the 19th century studied with emphasis on such authors as Johnson, Burke, and Wordsworth. Prerequisite: same as for 305. NOT OFFERED IN 1972-73.

312 (1) The English Language 1

The history of the English language beginning with Indo-European roots, including an introduction to Anglo-Saxon and Middle English dialects, and ending with English as a world language. Special emphasis on the ways words change meaning and on the shift from a synthetic to an analytic grammatical system. Individual research into the behavior of the English language in literary, social, political, or scientific contexts. Prerequisite: same as for 305.

MISS LEVER

313 (2)* The Poet-Critic 1

Such authors as Sidney, Dryden, Johnson, Coleridge, Arnold, and Eliot, studied as makers of English criticism and as examples of interaction between the practice and theory of poetry. Prerequisite: same as for 305. **NOT OFFERED IN 1972-73.**

314 (1) The Victorian Crisis 1

A study of the ways in which Mill, Carlyle, Tennyson, Arnold, Ruskin, and Wilde faced the need for radical reconstruction of values and attitudes. Prerequisite: same as for 305. **NOT OFFERED IN 1972-73.**

MR. LINFIELD

315 (2) Victorian Poetry 1

The dominant themes and procedures of the period between Landor and Yeats including such poets as Tennyson, Arnold, Hopkins, and Hardy. Prerequisite: same as for 305.

MR. PINSKY

316 (2) Donne and Jonson and Their Followers 1

Close study of major poems by Donne, Jonson, Herbert, and Marvell, with some attention to King, Carew, Herrick, and Suckling. Some readings in prose. Prerequisite: same as for 305.

MRS. SPACKS

317 (1) American Literature IV 1

Topic for 1972-73: T. S. Eliot and Wallace Stevens. Studies in their poetry with special attention to their philosophical interests. Introduction to the intellectual milieu through a reading of Santayana's *Character and Opinion in the United States* and other works. Prerequisite: same as for 305.

MISS CRAIG

318 (1) (2) Advanced Studies in the Novel 1 or 2

First semester: Samuel Beckett. Intensive study of Beckett's fiction, with considerable attention to his plays for purposes of comparison. Prerequisite: same as for 305.

Second semester: Critical and aesthetic problems in the field of fiction as seen in the work of several major English and American novelists selected for the most part from the 20th century. Prerequisite: same as for 305.

MISS CORSA, MR. GARIS

319 (1) Advanced Studies in Modern Poetry 1

Study of recent poems and poets in historical perspective. Prerequisite: same as for 305.

MR. PINSKY

320 (1) (2) Literary Crosscurrents 1 or 2

First semester: The artist-performer. The importance of a theatrical style in works by such writers as Pope, Donne, and Mailer: how this style challenges assumptions about sincerity or seriousness in art. Prerequisite: same as for 305.

Second semester: Senior survey. Advanced study of shifting tastes and styles from 1590 to 1850 as reflected in comparable works within several genres. Open to students who have taken two of the following: 217, 220, 230 or 231, 233, 308, 310, 311, 314 or 315, 316.

MISS PRETTYMAN, MISS CRAIG, MRS. GERTMENIAN

321 (1) Seminar 1

Topic for 1972-73: Autobiography. Close study of texts from English and American literature, investigating the historical development of autobiographical techniques and the ways in which "authentic" rendition of the self depends upon artifice. Open to juniors and seniors by permission of the instructor.

MRS. SPACKS

322 (2) Seminar 1

Topic for 1972-73: Shakespeare and his critics. Studies in Johnson and Coleridge, followed by brief readings in a variety of 20th century critics. Prerequisite: 305 or 306 or the equivalent.

MR. GOLD

330 (1) The English and French Novel in the Nineteenth Century 1

For description and prerequisite see Extradepartmental 330.

332 (2) Images of Man and Nature 1

For description and prerequisite see Extradepartmental 332.

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors.

370 (1-2) Honors Program 2 to 4

Required of all honors candidates in the department.

Directions for Election

Grade II level literature courses are open to all students. Special attention is called to 209, which offers fundamental and rigorous practice in methods of interpretation of a literary text. Other courses isolate certain major figures or periods for concentrated study, or address themselves to continuing themes and issues. In choosing their courses students are encouraged to consult with their instructors and with other members of the department generally. More complete descriptions of every course, composed by their instructors, are posted every fall and spring on bulletin boards in Founders Hall, and are available from the department secretary.

English majors must take at least one course in Shakespeare, ordinarily at the advanced level. In addition, majors should work closely with their advisors in arranging a program of study with these objectives: (a) ability to interpret a text (b) an understanding of some of the major works, authors, and periods that comprise the history of English and American literature (c) a developing interest in some special field of study, such as the English Renaissance, drama, criticism, modernism.

Students of at least B standing in the work of the department will have first consideration when applying for admission to seminars and independent work, i.e., 350.

Courses 109, 200, 201, and 202 are planned as workshops in writing with informal group meetings and frequent individual conferences. While the emphasis is on constant practice in writing, each course requires a critical reading of pertinent examples of the type of writing being studied. Courses 301 and 302 continue the same plan at an advanced level.

Students interested in writing fiction and poetry can apply for one or two units of 350 in writing, in addition to taking the other writing courses listed, 200, 202, 301, 302. It is strongly recommended that majors electing several writing courses should also elect a strong program in literature courses in consultation with their advisors. In general, enrollment in writing courses is limited to 15. Students who have demonstrated special ability in fiction, poetry, or drama may be invited to do an honors project in writing.

Knowledge of English and American history, of the course of European thought, of theatre studies and of at least one foreign literature at an advanced level is of great value to the student of English. See, for example, History 233, 235, 238, 239, 242, 301; Philosophy 203, 204, 207; Grade II and Grade III courses in foreign literatures; Extradepartmental 101, 104, 108, 201, 202, [226], [227], 228, 229, 231, 330, 331; and courses in theatre studies.

A reading knowledge of at least one ancient or modern foreign language is desirable for all majors. Students expecting to do graduate work in English should ordinarily plan to acquire a reading knowledge of two foreign languages.



FRENCH

PROFESSOR: Lafeuille, Galand^a, François,
McCulloch (Chairman)

ASSISTANT PROFESSOR: Blake, Malaquais, Stambolian^a,
Coquillat, Mistacco, Weinreb

INSTRUCTOR: Mbelolo, Parsons³

LECTURER: McPherrin, Racine

VISITING LECTURER: Michelot

All courses are conducted in French. Oral expression, composition, and, in certain courses, creative writing are stressed.

The department reserves the right to place new students in the courses for which they seem best prepared regardless of the number of units they have offered for admission.

Attention is called to the opportunity for residence in the French Center, Tower Court.

Qualified students may be recommended to spend the junior year in France. See p. 57.

100 (1-2) Elementary French

2

Fundamentals of the French language, spoken and written, in its relationships with French cultural patterns and with literature. Open to students who do not present French for admission.

THE STAFF

- 102 (1-2) Intermediate French 2**
 Short stories, novels, and plays illustrating some aspects of French culture. Stress on grammar, vocabulary, and pronunciation. Oral and written work. Three periods. Prerequisite: 100 or two admission units in French.
 THE STAFF
- 104 (1-2) Contemporary Life and Thought 2**
 Analysis of selected modern texts: fiction, drama, poetry, essays, and articles. Grammar review. Study of vocabulary and pronunciation. Frequent written work and oral practice. Three periods. Prerequisite: 102 or three admission units in French.
 THE STAFF
- 201 (1-2) French Literature Through the Centuries 1 or 2**
 First semester: Middle Ages through the 17th century. Second semester: The 18th century to the present. Class discussion of selected masterpieces, short papers, outside reading. One unit of credit may be given for the first semester. Prerequisite: 104 or four admission units in French; by permission of the instructor, 102.
 THE STAFF
- 203 (1-2) French Masterpieces 2**
 Introduction to literary analysis. Intensive study of selected works representing various literary techniques and genres: poetry, fiction, drama. Class discussion, oral reports, short papers. Prerequisite: same as for 201.
 THE STAFF
- 205 (1) (2) Attitudes and Values in French Culture Today 1**
 Class discussion of representative texts, periodicals, and newspapers. Oral reports, short papers, outside reading. Prerequisite: same as for 201.
 MISS COQUILLAT, MR. MICHELOT
- 212 (1) Medieval French Literature I 1**
 French literature from the *Chanson de Roland* through Villon. Medieval texts read in modern French. Prerequisite: [150] or 201 or 203 or 205.
 MISS McCULLOCH



213 (1) (2) French Drama in the Twentieth Century 1

Trends in contemporary drama: symbolism, the use of myths, the influence of existentialism, the theatre of the absurd. Prerequisite: same as for 212.

MRS. MALAQUAIS, MR. MICHELOT

214 (1) (2) The French Novel in the Nineteenth Century 1

Intensive study of narrative techniques and the representation of reality in major works by Balzac, Stendhal, Flaubert, Zola. Prerequisite: same as for 212.

MISS MISTACCO

215 (1) (2) Baudelaire and Symbolist Poets 1

The nature of the poetic experience studied in the post-romantic poetry of the 19th century. Prerequisite: same as for 212.

MR. FRANÇOIS, MR. MICHELOT

216 (1) The French "New Novel" 1

Recent experiments in fiction, with some discussion of drama and film. Emphasis on the works and theoretical writings of Robbe-Grillet, Sarraute, Butor, and Beckett. Both traditional and creative analysis. Prerequisite: same as for 212.

MISS MISTACCO

218 (1) Black Literature in French 1

Its origin and development in France, Africa, and America. Analysis of representative works: poetry, fiction, drama, essays. Prerequisite: same as for 212.

MR. MBELOLO

222 (1) (2) Studies in Language I 1

A review of selected problems in French grammar, enrichment of vocabulary, and an introduction to the French style of essay writing, especially the *dissertation* and the *explication de texte*. Not open to freshmen in the first semester. Prerequisite: 104, or 102 by permission of the instructor.

MISS BLAKE, MR. RACINE

224 (1) (2) French Speech 1

Detailed and intensive study of the articulation and intonation of spoken French, combining linguistic theory and practical applications. Regular use of the language laboratory. Not open to freshmen in the first semester. Recommended to students majoring in French. Prerequisite: same as for 222.

MISS BLAKE

249 (1) (2) Selected Topics 1 or 2

First semester: Workshop in writing. Training in traditional and experimental modes of literary expression. Prerequisite: 104 for sophomores; four admission units and permission of the instructor for freshmen.

Second semester: Aimé Césaire. Prerequisite: 104 for sophomores; four admission units for freshmen.

MR. FRANÇOIS, MR. RACINE

300 (2) Sixteenth Century Literature 1

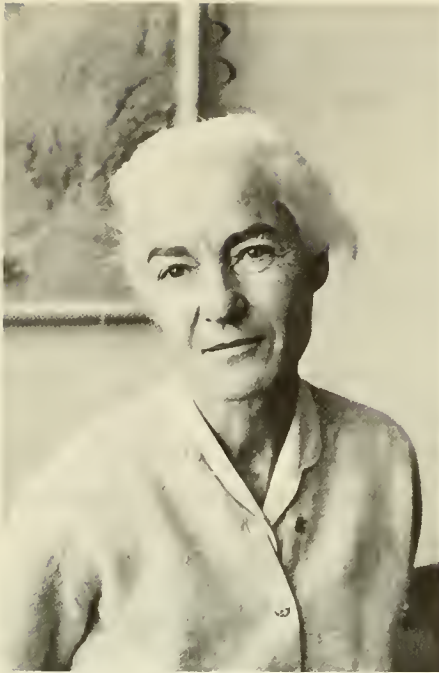
Studies in the Renaissance. Authors for 1972-73 will include Rabelais, Ronsard, and Montaigne. Prerequisite: two Grade II units of French literature.

MISS LAFEUILLE

301 (1) Seventeenth Century Literature I 1

Baroque and Précieux poets. *L'Astrée*. The birth of the classical theatre: Corneille, Descartes, and Pascal. Prerequisite: same as for 300.

MR. FRANÇOIS



302 (2) Seventeenth Century Literature II 1

The classical theatre: Molière, Racine; La Fayette, La Fontaine, La Bruyère. Prerequisite: same as for 300.

MR. FRANÇOIS

304 (1) The Novel from Rousseau to Sade 1

The affirmation of self in late 18th century fiction. Authors studied: Rousseau, Diderot, Laclos, Sade. Prerequisite: same as for 300.

MISS LAFEUILLE

305 (2) Studies in Romanticism 1

The Romantic Spirit: the visionary side of Romanticism in the works of Nodier, Balzac, Mérimée, Hugo, Nerval, Lautréamont. Prerequisite: same as for 300.

MRS. MALAQUAIS

306 (2) French Poetry in the Twentieth Century 1

Studies in the poetry of Valéry, Apollinaire, Breton, Saint-John Perse, Char, Ponge. Prerequisite: 215 or one Grade III unit of French literature.

MISS COQUILLAT

307 (2) The French Novel in the Twentieth Century 1

Modern theories, critical perspectives, and modes of narrative fiction studied in the works of Proust, Gide, Malraux, Sartre, Camus, Robbe-Grillet. Prerequisite: 214 or 216 or one Grade III unit of French literature.

MR. MICHELOT

308 (2) Studies in Language IIa 1

Comparative stylistics: a normative approach to the problems of translation. Prerequisite: one Grade III unit of French literature and 222, or permission of the instructor.

MR. FRANÇOIS

309 (1) Studies in Language IIb 1

Translation into French from modern novels and essays. Study of French style through analysis of selected texts. Prerequisite: same as for 308.

MRS. MALAQUAIS

312 (1) Medieval French Literature II 1

See 212. Joint class meetings for 212 and 312. Supplementary assignments and readings in Old French for students at Grade III level. Open by permission of the instructor.

MISS MCCULLOCH

321 (1) Seminar 1

Topic for 1972-73: The "literary game *par excellence*." A linguistic approach to Mallarmé. Open by permission of the instructor to students who have taken or are taking three Grade III units of French literature.

MISS BLAKE

350 (1) (2) Research or Individual Study 1 or 2

Prerequisite: same as for 321.

370 (1-2) Honors Program 2 to 4

Required of all honors candidates in the department.

Directions for Election

Course 100 counts toward the degree but does not count toward the major. Students who begin with 100 in college and who plan to major in French should consult the chairman of the department during the second semester of their freshman year. A student may not count toward the major both 102 and 104. Course 104 may not be elected by students who have taken both 100 and 102.

Upperclassmen majoring in French (with the exception of those who carried two Grade II units in the freshman year) should not elect more than three Grade II units without permission of the department. Majors are required to take two of the following courses: 222, 308, 309. In some cases 224 may also be required.

Courses in other foreign language and literature departments, in art, history (especially 242 and 243), philosophy, English, Extradepartmental 101, 330 and 331, and Religion and Biblical Studies 104 and 105 are recommended for majors. The department offers three courses in French literature in translation (Extradepartmental 222, 223, 224).

Students who plan to do graduate work in French are advised to begin or to pursue the study of a second modern language and the study of Latin; those who plan to do graduate work in comparative literature are advised to continue the study of one or more other modern literatures and to acquire proficiency in at least one classical language.

GEOLOGY

ASSISTANT PROFESSOR: Kamilli (Chairman), Andrews

102 (1) Introduction to Geology 1

Fundamental facts and principles of earth behavior and history with special reference to Massachusetts and New England. Current problems in oceanography, continental drift, and lunar geology. Field trips and laboratory include study of minerals, rocks, fossils, topographic and geologic maps.

MRS. KAMILLI

200 (2) Historical Geology 1

The geologic history of North America and the evolution of life as revealed in the fossil record. Paleogeography and ancient sedimentary and tectonic environments. Field trips will develop the geologic history of the region. Laboratory. Prerequisite: 102 or permission of the instructor.

MR. ANDREWS

202 (2) Mineralogy 1

Introduction to crystallography; systematic study of the rock-forming minerals. Emphasis on geochemical relationships including bonding, solid solution series, and phase diagrams. Laboratory. Prerequisite: two units of physical science, preferably Chemistry 106 and/or 107, or permission of the instructor.

MRS. KAMILLI

205 (1)* Invertebrate Paleontology**1**

The morphology and evolution of the major fossil invertebrate phyla with discussion of such general topics as functional morphology, origin of species and higher taxa, ontogeny and phylogeny, animal size and shape relationships, and the theory of evolution. Laboratory and field trips. Prerequisite: 102 or 200 or Biology 105 or permission of the instructor.

MR. ANDREWS

206 (2)* Structural Geology**1**

The recognition, description, and causes of deformation of the earth's crust. Topics include the tectonic history of mountain ranges, scale models of geologic structures, mechanics of folding and faulting, comparison of the structure of the Alps and the Appalachians, plate tectonics, and sea floor spreading. Laboratory, field work, and field trips. Prerequisite: same as for 200.

MR. ANDREWS



249 (1)* Marine Geology 1

Geology of the ocean floor with emphasis on shoreline and submarine processes, ocean currents and sediments, origin and development of the continental shelves. Other subjects will include study of submarine canyons, coral reefs, ocean basin tectonics, the deep sea floor, and ocean life. Field trips to Woods Hole and Cape Cod. No laboratory. Prerequisite: same as for 200. **NOT OFFERED IN 1972-73.**

MR. ANDREWS

304 (1)* Stratigraphy and Sedimentation 1

The formation, composition, and correlation of stratified rocks. Emphasis on sedimentary environments and paleoecology, correlation by fossils and radiogenic techniques, transportation, deposition and consolidation of sedimentary particles. Laboratory. Field trips to both modern sedimentary environments and their ancient rock analogues. Prerequisite: 102 and 200, or permission of the instructor. **NOT OFFERED IN 1972-73.**

MR. ANDREWS

307 (1)* Optical Mineralogy 1

Basics of optical crystallography. Application of modern methods to the identification of silicates in grains and thin section. Laboratory. Prerequisite: 202 or Physics 202. **NOT OFFERED IN 1972-73.**

MRS. KAMILLI

309 (2)* Petrology 1

Study of the origin and occurrence of igneous and metamorphic rocks with particular reference to modern geochemical investigations. Examination and description of hand specimens and thin sections under the petrographic microscope. Prerequisite: 202 or 207 or permission of the instructor. **NOT OFFERED IN 1972-73.**

MRS. KAMILLI

310 (1)* Research Methods in Geology 1

Problems in geologic data analysis using statistical and computer methods, macro-, micro-, and x-ray photography, field mapping, mineral separation and x-ray diffraction techniques. Other topics will be chosen according

to students' interests. Laboratory. Field work. Prerequisite: 102 and one Grade II unit, or permission of the instructor.

MR. ANDREWS

349 (1) (2) Selected Topics 1 or 2

First semester: Topics in geology to be selected with consideration for students' interests. Prerequisite: one Grade II unit in geology and permission of the instructor.

Second semester: Regional geology of the Appalachians. Detailed study of the structure, mineralogy, stratigraphy, and igneous petrology of the northern and southern Appalachian tectonic province. Opportunity to integrate studies during an extended field trip during spring vacation. Prerequisite: one Grade II unit in geology or permission of the instructor.

MRS. KAMILLI

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors.

370 (1-2) Honors Program 2

Required of all honors candidates in the department.

Directions for Election

In addition to eight units in geology, the minimum major requires four units from other laboratory sciences or mathematics. (All four units may not be taken in the same department.) Advanced courses in mathematics, chemistry, or physics will be suggested according to the student's needs, interests, and ability.

A student planning graduate work should note that most graduate geology departments require at least a full year (two units) each of chemistry, calculus, and physics. (Biology often may be substituted for physics if the student is interested in paleontology.) In addition, graduate study usually requires a reading knowledge of French and/or German or Russian.

The department strongly recommends that major students attend one of the Rocky Mountain geology field courses given by other colleges. Credit may be given for such courses provided the student's plans are approved in advance by the department.

GERMAN

PROFESSOR: Goth (Chairman)
ASSISTANT PROFESSOR: Duckworth
INSTRUCTOR: Ward
LECTURER: Deutsch

The language of the classroom in all courses is almost exclusively German. The student thus has constant practice in hearing, speaking, and writing German.

The department reserves the right to place a new student in the course for which the student seems best prepared regardless of the number of units the student has offered for admission.

By doing special reading during the summer and upon approval of the chairman, capable students in 100 have the opportunity to omit 102 and proceed with 202.

Qualified students may be recommended to spend the junior year in Germany. See p. 57.

100 (1-2) Elementary German

2

Study of grammar and vocabulary; frequent written exercises; reading of short stories; special emphasis on oral expression. Three periods. Open to students who do not present German for admission.

THE STAFF

102 (1-2) Intermediate German**2**

Intensive language study: emphasis on idiomatic usage and on syntax. Introduction to the critical study of literary texts, mainly 19th and 20th century. Three periods. Prerequisite: 100 or two admission units in German.

THE STAFF

202 (1-2) Patterns in Literary Thought**1 or 2**

Modern drama, poetry, and prose and their historical, formal, and philosophical relations to works of earlier periods. Three periods. One unit of credit may be given for the first semester. Prerequisite: 102, or three or more admission units of German, or, by permission of the department, 100. Permission will be based on a satisfactory grade in 100 and summer work.

MISS GOTH, MRS. DEUTSCH

204 (1) Goethe I**1**

Lyric, prose, and drama before Goethe's return from Italy. Prerequisite: two units of [200] or two units of 202.

MISS GOTH

205 (2)* From Romanticism to Realism**1**

Romantic thought, discovery of the unconscious: Friedrich Schlegel, Brentano, Novalis, E.T.A. Hoffmann, Eichendorff, and others. Prerequisite: same as for 204.

MISS WARD

206 (2)* Nineteenth Century Literature**1**

Late Romanticism and Realism. Lyric and prose. Mörike, Heine, Stifter, Keller, C. F. Meyer, Fontane. Prerequisite: same as for 204. [NOT OFFERED IN 1972-73.](#)

MISS WARD

210 (1)* German Drama**1**

Theory and practice between the age of Gottsched and Brecht. The theories of Gottsched, Lessing, Schiller, Hebbel, and Brecht will be included as well as the drama of Schiller, Büchner, Kaiser, and others. Prerequisite: one Grade II unit. [NOT OFFERED IN 1972-73.](#)

MISS WARD



304 (2) Goethe II 1

Goethe, the poet and the thinker, with emphasis on *Faust*, and his writings after 1788. Prerequisite: 204.

MISS GOTH

308 (1) Prose Fiction 1

19th and 20th century novels and novellas: Keller, Stifter, Fontane, Kafka, Hesse, Grass, and others. Prerequisite: two Grade II units.

MISS GOTH

312 (2) Literature of the Twentieth Century 1

Aspects and tendencies of 20th century literature from the First World War to the present time. Prerequisite: three Grade II units or permission of the instructor. **NOT OFFERED IN 1972-73.**

MISS GOTH

349 (2) Seminar. The Writer and His Age 1

Intensive study of the works of one or two writers in relation to philosophical, historical, and literary trends of their periods. Topic for 1972-73: Thomas Mann. Prerequisite: one Grade III unit.

MISS GOTH

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors.

370 (1-2) Honors Program 2 to 4

Required of all honors candidates in the department.

Directions for Election

Course 100 is counted toward the degree but not toward the major.

Students who begin with 100 and who wish to major in German should consult the department in order to obtain permission to omit 102 and take 202.

Students intending to major in the department are requested to take 202, 204, 304 and at least two further Grade III units.

Courses 205, 210, 312, and one seminar are strongly recommended for the major.

Courses in art, history, philosophy, English, literature courses in other foreign language departments, and Extradepartmental 330 and 331 are recommended.

GREEK AND LATIN

ASSOCIATE PROFESSOR: Lefkowitz^a,
Geffcken (Chairman)

ASSISTANT PROFESSOR: Frame, Dickison

INSTRUCTOR: Marvin, Brown, Boedeker^b

GREEK

101 (1) Greek Literature in Translation 1

An introduction to classical literary forms and ideas that continue to concern the western world. Reading from the works of Homer, the Greek dramatists, and Thucydides. Open to all students.

MISS BROWN

102 (1) (2) Beginning Greek 1

Fundamentals of the Greek language. Reading from classical authors and from the New Testament. Four periods. Open to students who do not present Greek for admission.

MISS MARVIN, MISS BROWN

103 (2) Introduction to Greek Literature 1

Reading from classical authors and from the New Testament. Intensive review of grammar and syntax. Prerequisite: [100 (1)] or 102.

MR. FRAME

104 (2) Classical Mythology 1

The more important classical myths read in English translations of Greek and Latin authors; their religious origins; their expression in ancient literature and art; their later influence. Open to all students. NOT OFFERED IN 1972-73.

MRS. LEFKOWITZ

105 (1) Introduction to Historical Linguistics 1

For description and prerequisite see Extradepartmental 105.

150 (1) Colloquium 1

For title and description see History 150 (1)a.

201 (1) Plato 1

Apology, *Crito*, and selections from the *Phaedo*. The character of Socrates and his position in the development of Greek thought. Three periods. Prerequisite: 100 or two admission units in Greek or exemption examination.

MISS BROWN

203 (2)* Greek Drama in Translation 1

Intensive study of tragedies of Aeschylus, Sophocles, and Euripides, with emphasis on their use of myth. Detailed analysis of form and imagery as they relate to the total meaning of the play. Individual research into the dramatization of Greek myths by Seneca and later playwrights. Open to all students.

MISS BROWN

204 (2)* Homeric Epic in Translation 1

The composition and potentialities of oral style, the nature of heroic experience and of the type of society which produces heroic epic. Comparison of Homer's themes and emphasis to oral poetry of other times and cultures, including the ancient Near East, India, Russia, and northern Europe. Open to all students. NOT OFFERED IN 1972-73.

MISS MARVIN

205 (2) Homer's *Iliad* 1

Study of selected books in Greek with emphasis on the oral style of early epic; reading of the rest of the poem in translation; the archaeological background of the period. Three periods. Prerequisite: 201.

MISS MARVIN

230 (2) History of Greece 1

For description and prerequisite see History 230. [NOT OFFERED IN 1972-73.](#)

302 (1)* Aeschylus and Sophocles 1

Drama as expression of man's conflict with forces beyond his control; the use of mythology to describe the conflict between human institutions and the natural world; innovations in language, metaphor, and metre. Reading of one drama by each author in Greek, others in English. Prerequisite: 205.

MISS BROWN

303 (2)* Myth and History in the Archaic Age 1

Investigation of the narrative methods of recording significant past experience; the evaluation of the relationship of the past to events of the first half of the 5th century; the restrictions on perception imposed by style and structure in both prose and poetry. Reading in Greek from Herodotus and the lyric poets. Prerequisite: 205.

MR. FRAME

304 (1)* Euripides 1

Euripides' exposition of current problems in traditional narrative framework; his development of dramatic form; his exploration of human and political motivation. Reading of two or three plays in Greek, others in English. Prerequisite: 205. [NOT OFFERED IN 1972-73.](#)

MRS. LEFKOWITZ

305 (2)* Thucydides and Aristophanes 1

Contemporary impressions of the ethical conflicts confronting the state and the individual in the last half of the 5th century B.C. The attempt to evaluate the past by scientific method; the creation of new mythology, vocabulary, and linguistic structures. Reading in Greek of selections from Thucydides and of one play of Aristophanes. Prerequisite: 205. [NOT OFFERED IN 1972-73.](#)

MR. FRAME



349 (1) (2) Seminar 1 or 2

First semester: The Greek language. Study of the origins and development of the Greek language, with particular emphasis on Homer and the archaic period. The course will combine the reading of Greek texts with an introduction to the methods and possibilities of historical linguistics. Prerequisite: 205.

Second semester: Plato and the development of conceptual language. Analysis of Plato's methods of expressing abstract ideas, his use and adaptation of earlier modes of discourse. Reading from *The Republic*, *The Symposium* and the pre-Socratics. Prerequisite: 205.

MR. FRAME

350 (1) (2) Research or Individual Study 1 or 2

Open to seniors by permission.

370 (1-2) Honors Program 2

Required of all honors candidates in the department.

LATIN

100 (1) Beginning Latin 1

Fundamentals of the Latin language. Readings from classical and medieval texts. Three periods. Open to students who do not present Latin for admission, or by permission of the instructor.

MISS DICKISON

101 (2) Introduction to Latin Literature 1

Reading from classical Latin authors. Intensive review of grammar and syntax. Three periods. Prerequisite: two admission units in Latin or 100 or permission of the instructor.

MRS. BOEDEKER

103 (1) Introduction to Vergil's *Aeneid* 1

Study of the poem with selections from Books I–VI in Latin. Three periods. Prerequisite: 101 or three admission units in Latin not including Vergil, or exemption examination.

MR. FRAME



104 (2) Classical Mythology 1

For description and prerequisite see Greek 104. **NOT OFFERED IN 1972-73.**

105 (1) Introduction to Historical Linguistics 1

For description and prerequisite see Extradepartmental 105.

150 (1) Colloquium 1

For title and description see History 150 (1)a.

202 (1) Catullus and Cicero 1

Love, politics, morality, and humor in the last years of the Republic. Study of the evolution of Latin poetic style and of the technique of destructive oratory. Prerequisite: four admission units in Latin or three including Vergil or 103.

MISS GEFFCKEN

203 (2) Horace 1

The development of Horace's poetic style and social commentary. Reading from *Satires* and *Odes*. Prerequisite: same as for 202.

MISS BROWN

206 (2)* Latin Prose Style 1

A study of the development of Latin style with reading and analysis of selected texts; practice in writing Latin prose. Prerequisite: 202 or 203. **NOT OFFERED IN 1972-73.**

231 (2) History of Rome 1

For description and prerequisite see History 231.

249 (1) (2) Selected Topics 1 or 2

First semester: Latin love elegy. Traditional expressions of subjectivity and their development in the elegiac poetry of Catullus, Tibullus, Propertius, and Ovid. Prerequisite: 202 or 203 or an AP Latin score of 5.

Second semester: Medieval Latin. The interaction of Christian values and classical modes of thought in literature from 374 to 1374 A.D. Selected readings from prose and poetry. Prerequisite: 103 or the equivalent or permission of the instructor.

MISS GEFFCKEN, MISS DICKISON

300 (1)* The Decline of the Heroic and the Epicurean Response 1

Anti-heroic treatment of myth in Catullus 64; Lucretius' re-creation in poetic form of the Epicurean view of human experience. Prerequisite: 249 (1) or (2).

MISS GEFFCKEN

301 (1)* Vergil's *Eclogues* and *Georgics* 1

The poet's re-creation of the Greek pastoral and his use of didactic and descriptive poetry as a means of examining man's relationship to nature and as political and social commentary. Prerequisite: same as for 300. **NOT OFFERED IN 1972-73.**

MR. FRAME

302 (2) Vergil's *Aeneid* 1

The artistic achievement of Vergil in the light of earlier literature, especially Homer and Ennius; Vergil's view of man and the destiny of Rome. Prerequisite: same as for 300.

MISS GEFFCKEN

308 (1)* The Struggle for Power in the Late Republic 1

The events, life, and thought of the late Republic in the letters of Cicero and in the historical writings of Caesar and Sallust. Prerequisite: same as for 300. **NOT OFFERED IN 1972-73.**

MISS DICKISON

309 (2)* Historical Tradition, Morality and Immorality 1

Livy's portrayal of early Roman heroes as models of behavior and Ovid's and Propertius' rejection of this moral point of view. Prerequisite: same as for 300. **NOT OFFERED IN 1972-73.**

MISS GEFFCKEN

316 (1)* The Effects of Power and Authority in the Empire 1

The literature of disillusion both historical and satirical with emphasis on Tacitus and Juvenal. Prerequisite: same as for 300.

MISS DICKISON

317 (2)* Imperial Rome: The Novel 1

The development of the ancient novel with emphasis on satirical techniques in Petronius and on religious and mythological themes in Apuleius. Prerequisite: same as for 300.

MISS GEFFCKEN

350 (1) (2) Research or Individual Study 1 or 2

Open to seniors by permission.

370 (1-2) Honors Program 2

Required of all honors candidates in the department.

Directions for Election

To fulfill the distribution requirement in Group A, students may elect any courses in Greek or Latin except 200 and 201.

The following may not be counted toward the major in Greek or Latin: Greek 101, [200], 203, 204, [228], 230; Greek/Latin 104, 150; Latin [201], [229], 231.

All students majoring in Greek must complete four units of Grade III work.

All students majoring in Latin are required to complete 301, 302, and at least two units of the following: 308, 309, 316, 317. Students planning to teach are advised to elect 206.

Latin students who offer an AP Latin score of 5 should elect 249; an AP score of 4 normally leads to 202, but under special circumstances permission may be given to elect 249.

Students majoring in Greek or Latin are advised to elect some work in the other language. It should be noted that work in both Greek and Latin is essential for graduate studies in the classics.

Courses in ancient history, ancient art, ancient philosophy, and classical mythology are recommended as valuable related work. Students interested in a major in classical and Near Eastern archaeology are referred to p. 225 where the program is described.

Students who wish to focus a classical major on ancient civilization can plan with the department an appropriate sequence of courses, which should include work in art, history, and literature. Such a program should always contain at least four units of work in the original language. Basic knowledge of French or German is recommended.

HISTORY

PROFESSOR: Gulick, Robinson, Preyer (Chairman),
Cohen^a
ASSOCIATE PROFESSOR: Cox, Auerbach
ASSISTANT PROFESSOR: McLaughlin³, Bernstein,
Bertocci, Hay, Chaplin³, Scott
INSTRUCTOR: Conzen, Barnett³, Painter³
LECTURER: Berlin³

100 (1) (2) Medieval and Early Modern European History 1

An examination of historical processes through the study of critical periods in western European history: the "Fall" of Rome; the creation of a new society in the High Middle Ages; problems of decline and innovation in late medieval times, of continuity and "modernity" in the Renaissance and Reformation. Frequent use of original sources, and an introduction to problems of interpretation. Open to all students.

MR. COX, MRS. McLAUGHLIN

101 (1) (2) Modern European History 1

An introduction to European history from 1648 to the present, designed to aid the student in formulating historical judgments about the significance of representative institutions, the scientific revolution, the Enlightenment, the French Revolution, industrialization, imperialism, world wars, totalitarianism. Open to all students.

MR. GULICK, MR. BERNSTEIN, MR. BERTOCCI



102 (1) Approaches to the History of American Society 1

An introduction to both the concepts and methods of American social history through an exploration of the validity of the notion of America as an egalitarian society. Use of contemporary sources in a series of case studies from the colonial period to the present. Open to freshmen and sophomores without prerequisite.

MRS. CONZEN

103 (1) The World and the West 1

An introduction to comparative history, focusing on the changing relations between western Europe and other civilizations over the past five centuries. Discussion of technological change and the balance of power; the missionary impulse; trading-post empires; and the challenge of modernization, with specific examples from Southeast Asia, Latin America, Africa, and the Middle East. Open to all students.

MISS HAY

150 (1) (2) Colloquia 1

For directions for applying see p. 234. Open by permission to a limited number of freshman and sophomore applicants.

(1)

a. The role of women in ancient Greece. An examination of the role of women in literature of 5th century Athens and their status in Greek society. Selected reading from historical, philosophical, and literary sources.

MISS DICKISON

b. Medieval heroes and society. Leaders, and concepts of leadership, in European society between the 5th and 16th centuries. An introduction to various definitions of the "hero" since earliest times, followed by an investigation, primarily using contemporary chronicles and biographies, of the ways in which heroes in premodern European history have changed with the changing conditions for successful leadership.

MR. COX

c. The peasant as myth and fact. An examination of some assumptions about the peasant and his political and social role in the modern world, including interpretations of the peasant's potential: as the embodiment of the

"natural man," as a spontaneous anarchic and revolutionary force, as the essence of conservatism or reaction. The materials will be drawn from a variety of literary and historical sources.

MRS. BERLIN

(2)

a. **Class struggles in France: Karl Marx and the Revolution of 1848.** An introduction to historical studies, centering on a critical study of Marx's classic history of the Revolution of 1848. Discussion of how Marx arrived at his own historical vision and development of alternative explanations for the Revolution of 1848 through the examination of French politics and society in the first half of the 19th century.

MR. BERTOCCI

b. **The immigrant in America: *E Pluribus Unum*?** An assessment of the causes and character of the mass immigration of the 19th and early 20th centuries, of the problems of immigrant adjustment and social mobility, and of the role of the immigrant in stimulating change in American society.

MRS. CONZEN

c. **Literature and social change in 20th century Africa.** The problems of rapid social change, economic development, and colonial rule, as well as the conflict between traditional and modern life styles will be examined through contemporary African novels and poetry. To be offered in 1973-74. **NOT OFFERED IN 1972-73.**

MISS HAY

230 (2) History of Greece

1

The failure of democracy in Greece; a study of the historical evidence for the development of democracy in Athens; the effects of the acquisition of an empire and the results of the confrontation with Sparta. Open to all students except those who have taken [200]. **NOT OFFERED IN 1972-73.**

MISS DICKISON

231 (2) History of Rome

1

Rome of the Caesars; political, economic, social life of the empire; attitudes toward autocratic government. Particular attention will be given to the period 27 B.C.-138 A.D. Open to all students except those who have taken [201].

MISS DICKISON

232 (2) Medieval Civilization, 1000 to 1300 1

European society during the High Middle Ages. Kingship and a comparison of medieval states, warfare and the birth of chivalry, peasants and townsmen in an era of economic and technological change, students and churchmen in a period of intellectual ferment. An exploration of political and social ideas as expressed in contemporary sources, including art and literature. Not open to students who have taken [219]. Open to freshmen and sophomores who have had a course in medieval history, art, or literature, and to juniors and seniors without prerequisite.

MR. COX

233 (1-2) The Renaissance and Reformation 1 or 2

First semester: Topics in the history of the Renaissance. Italy and selected areas of northern Europe 1300-1600.

Second semester: The reformations of the 16th century, including the major Protestant movements, the radicals, the Catholic Reformation, and the relationships between religious developments and the broader historical context. One unit of credit may be given for either semester. Not open to students who have taken [217]. Open to freshmen and sophomores who have taken 100 or related work in art, literature, or philosophy, and to juniors and seniors without prerequisite. **NOT OFFERED IN 1972-73.**

MRS. McLAUGHLIN

235 (1) Classical and Medieval Intellectual History 1

A history of western thought from the Greeks to the end of the 14th century. Not open to students who have taken [203]. Open to qualified freshmen and sophomores (see Directions for Election), and to juniors and seniors without prerequisite.

MRS. CHAPLIN

236 (2) Modern European Intellectual History 1

A consideration of the history of western thought from Descartes to such contemporaries as Merleau-Ponty, with particular emphasis on man's changing notions of the relationship of self to society. Not open to students who have taken [203 (2)] or [204]. Prerequisite: same as for 235.

MR. BERTOCCI



238 (1) History of England to 1500 1

A survey of English history from the coming of the Anglo-Saxons through the Wars of the Roses. Some attention will be given to problems of historical interpretation. Not open to students who have taken [213]. Open to qualified freshmen and sophomores (see Directions for Election), to sophomores who have taken 100 or are concentrating in English literature, and to juniors and seniors without prerequisite.

MRS. ROBINSON

239 (2) History of England, 1500 to 1715 1

English history under the Tudors and Stuarts. The English Reformation, Elizabethan Renaissance, and 17th century revolutions will be the major themes. Open to freshmen and sophomores who have had 100 or 238, to sophomores concentrating in English literature, and to juniors and seniors without prerequisite.

MRS. ROBINSON

240 (1) Modern England 1

English history from the late 18th century to the mid-20th century. The transformation of a basically agrarian, hierarchical, traditional society into an industrial, democratic, welfare state. Open to qualified freshmen and sophomores (see Directions for Election), to students who have taken 101 or 239, to sophomores concentrating in English literature, and to juniors and seniors without prerequisite. To be offered in 1973-74. **NOT OFFERED IN 1972-73.**

MRS. ROBINSON

242 (1) The Age of Louis XIV in France 1

Society and government in 17th century France. The political and cultural background under Richelieu and Mazarin; social, political, and intellectual life during the Golden Age of Absolutism under Louis XIV. Not open to students who have taken [210]. Open to sophomores who have taken 100 or 101, or courses in related language and literature, and to juniors and seniors without prerequisite.

MR. COX

243 (2) The Enlightenment, the French Revolution, and Napoleon 1

French civilization in the 18th century; analysis of the causes, events, and results of the Revolution. The era of the Revolution and the Napoleonic Empire with emphasis upon political, social, and cultural developments and their impact upon the rest of Europe. Not open to students who have taken [211]. Prerequisite: same as for 242.

MR. COX

244 (1) History of Modern Germany, 1648 to 1890 1

A study of the major political, social, economic, and cultural developments in Germany from the mid-17th century through the dismissal of Bismarck. Not open to students who have taken [207 (1)]. Open to qualified freshmen and sophomores (see Directions for Election), to sophomores who have taken German 100 or 101, and to juniors and seniors without prerequisite.

MR. BERNSTEIN

246 (1-2) History of Russia 1 or 2

First semester: The Kievan State to 1861.

Second semester: 1861 to the present, with emphasis on the Soviet State and its institutions. One unit of credit may be given for either semester. Not open to students who have taken [209]. Prerequisite: same as for 244.

MRS. BERLIN

248 (1) Europe in the Twentieth Century 1

A study of selected topics such as fascism, communism, and appeasement, with emphasis on England, Germany, and Russia, and some discussion of developments in France, Italy, Spain, and eastern Europe. Not open to students who have taken [202]. Open to qualified freshmen and sophomores (see Directions for Election), to freshmen and sophomores who have taken 101, and to juniors and seniors without prerequisite.

MR. BERNSTEIN

250 (1) The First Frontier 1

The adaptation of the English, Europeans, and Africans to the alien environment of North America in the 17th century. Analysis of the formation of colonial settlements; problems of survival and leadership; relations with Indian cultures, the creation of new societies in the New World. Open to sophomores, juniors, and seniors without prerequisite.

MRS. PREYER

251 (2) The Making of a Nation, 1763 to 1850 1

The American Revolution, the formation of the Union, the development of the United States as a new nation. Not open to students who have taken [222]. Prerequisite: same as for 250.

MRS. PREYER

252 (1) The United States, 1850 to 1917 1

The impact of the Civil War and Reconstruction, the emergence of an urban industrial society, and the responses of reformers to that society. Not open to students who have taken [223]. Prerequisite: same as for 250.

MR. AUERBACH

253 (1) (2) The United States, 1917 to the Present 1

Selected 20th century issues and problems, with emphasis on the perceptions of intellectuals attempting to cope with social change. Not open to students who have taken [224]. Prerequisite: same as for 250.

MR. AUERBACH

254 (1) United States Urban History 1

The causes and consequences of the urbanization of the American population from the colonial period to the present: the expansion of the urban system; changing economic functions of cities; the physical city; demographic patterns; spatial structure; social and political institutions; urbanism and its problems. Not open to students who have taken [220]. Open to sophomores by permission of the instructor, and to juniors and seniors without prerequisite.

MRS. CONZEN

260 (1) The Hispanic World**1**

The political, social, economic, and cultural evolution of the Latin American world from colonial days to the present. Emphasis on colonial institutions and their relations to historical developments in the Iberian peninsula, and on the fundamental problems, especially in certain key countries, of modern and contemporary Latin America. Not open to students who have taken [214]. Prerequisite: same as for 242.

MR. LOVETT

265 (2) History of the Middle East**1**

The social and cultural institutions of the Islamic world before 1800; the impact of the West; the rise and development of nationalist movements in the 19th and 20th centuries. Some attention will be given to Islamic influence in India, Africa, and Southeast Asia. Open to all students. NOT TO BE OFFERED IN 1973-74.

MISS HAY

267 (1) History of West Africa**1**

A survey of West African history from the ancient kingdom of Ghana to present times. Long distance trade routes and state formation; the spread of Islam; the Atlantic slave trade in the precolonial period; social change, economic development, nationalism, and new ideologies in the 20th century. Open to all students except those who have taken [208].

MISS HAY

268 (2) History of East and Central Africa**1**

Eastern and Central African history from the Bantu migrations to the present. Migration and state formation, Swahili civilization; the impact of the slave trade in the precolonial period; and continuing conflicts in southern Africa. Open to all students except those who have taken [208]. NOT TO BE OFFERED IN 1973-74.

MISS HAY

271 (1) Japanese History**1**

Japanese history from earliest times to the present, stressing Japan's quest for modernity in the 19th and 20th centuries and the consequences of this quest. Open to all students except those who have taken [225]. NOT OFFERED IN 1972-73.

MR. COHEN

275 (1) Pre-Modern Chinese History 1

Chinese civilization from earliest times to the period of the modern western impact. Emphasis on the development of thought and political institutions. Extensive readings in Chinese literature. Open to all students except those who have taken [226].

MRS. BARNETT

276 (2) Modern Chinese History 1

The history of China from the Opium War to the Cultural Revolution. Analysis of political, economic, social, and intellectual changes stimulated by the intrusion of the modern West. Open to all students except those who have taken [227].

MRS. BARNETT

280 (2) Imperialism, Nationalism, and Modernization 1

Varieties of European imperialism in the 19th and 20th centuries, particularly colonial rule and informal empire, and the different ways in which people of other world civilizations responded to the threat of industrial Europe. The colonial experience, the growth of nationalist movements, and forms of modernization will be compared on the basis of examples drawn from Africa, the Middle East, Japan, and Southeast Asia. Prerequisite: same as for 250. To be offered in 1973-74. **NOT OFFERED IN 1972-73.**

MISS HAY

300 (1) (2) Historical Thinking and its Problems 1

A study of the variety of approaches to history used by historians in the past and present. The relationship between the historical discipline and disciplines such as the social sciences and literature. Problems confronting the historian today: evidence, causation, generalization, value judgment, objectivity. Open to sophomores, juniors, and seniors who have taken two Grade II units of history, or by permission of the instructor.

MRS. ROBINSON

301 (1) The Art of Biography 1

Exploration of the diverse ways of presenting biographical narrative and insights in prose, film, and other media; the utilization of sources on the individual and their integration with historical materials; the historiographical problems of biography. Prerequisite: same as for 254.

MR. GULICK

302 (2) Biography Workshop

1

Student biographical projects in prose, film, and other media, normally a continuation of projects begun in 301. Group discussion. Prerequisite: 301.

MR. GULICK

303 (2) Ideology and Politics in Modern Germany, 1890 to 1945

1

A study of the interaction of ideology and politics in modern Germany with an examination of liberalism, conservatism, socialism, neo-romanticism, Nazism, and their competition for mass support since the unification of Germany. Not open to students who have taken [207 (2)]. Prerequisite: same as for 300.

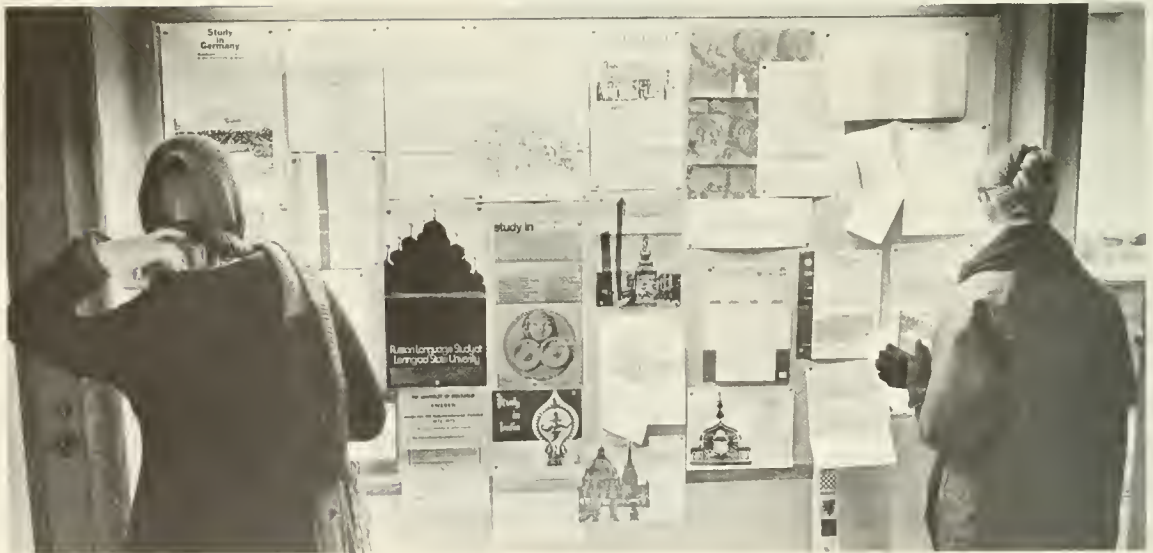
MR. BERNSTEIN

305 (1) Europe's Traditional System of International Relations, 1780 to 1914

1

The nature of Europe's classical balance of power system and its subsequent modification through the French and industrial revolutions; the diplomacy of national unification and of imperialist expansion. Attention to Ottoman, Chinese, and African relations with Europe. Prerequisite: same as for 300.

MR. GULICK



306 (2) Global International Relations 1

The emergence of untraditional, cataclysmic problems of weaponry, population, and environment superimposed on traditional, ongoing problems of international relations. Attention equally divided among Europe, East Asia, the United States, and the Soviet Union. Prerequisite: same as for 300.

MR. GULICK

309 (2) Intellectual History of Russia 1

Emphasis on the tradition of radical social thought in the 19th and early 20th centuries. Not open to students who have taken [313]. Prerequisite: same as for 300. **NOT OFFERED IN 1972-73.**

MRS. BERLIN

310 (1-2) Social History of the United States 2

The evolution of the American society viewed as the response of basic social units such as families, classes, occupational and ethnic groups, educational and religious institutions – to the changing conditions of initial settlements, expansion, and industrialization, as conditioned by changing social ideals. First semester: Colonial period to 1860. Second semester: 1860 to 1960. Open to juniors and seniors who have taken two units of history or by permission of the instructor.

MRS. CONZEN

312 (2) Civil Liberties in the United States 1

The historical development of First Amendment freedoms with emphasis on the relationship between civil liberties and political and social movements. The historical context of contemporary issues such as political justice, civil disobedience in wartime, and student rights. Not open to students who have taken [218]. Prerequisite: same as for 254.

MR. AUERBACH

315 (1) Social History of Black Americans, 1820-1919 1

The development of Afro-American culture and institutions with special emphasis on the local roots of national movements. The founding of Black churches and fraternal associations; the role of Black newspapers, the nature of Black leadership, the Exodus to Kansas. Prerequisite: same as for 300.

MISS PAINTER

318 (1) Race and Conflict in Southern Africa 1

An exploration of the historical relationships between the European, African, and Asian communities in South Africa and Mozambique, in an attempt to understand the current situation in these countries. Prerequisite: one course in African studies or permission of the instructor. To be offered in 1973-74. **NOT OFFERED IN 1972-73.**

MISS HAY

330 (1) Seminar. Medieval Europe 1

Topic for 1972-73: Heresy and the Inquisition. Problems in medieval religious dissent. Open to qualified juniors and seniors by permission of the instructor. (See Directions for Election.)

MRS. McLAUGHLIN

331 (1) Seminar. English History 1

Topic for 1972-73: Early Victorian England and its response to the French, the industrial, and the demographic revolutions of the late 18th and early 19th centuries. Prerequisite: same as for 330. **NOT OFFERED IN 1972-73.**

MRS. ROBINSON

332 (2) Seminar. English History 1

Topic for 1972-73: The "woman question" in England. How Victorian (and Edwardian) men and women approached a heated issue from the 1850's onward. A study of the literature about, and the struggles for, the emancipation of women: personal, legal, educational, professional, political. Prerequisite: same as for 330.

MRS. ROBINSON

333 (1) Seminar. European Intellectual History and Philosophy 1

Topic for 1972-73: An interdisciplinary examination of problems of political liberty and personal autonomy in the social thought of Locke, Rousseau, Hegel, and Marx. Same course as Philosophy 333. Prerequisite: same as for 330.

MR. BERTOCCI AND MR. SHUE

336 (2) Seminar. American Urban History 1

Topic for 1972-73: The social ecology of the American city. Analysis of the historical processes of the past 200 years which led to the functional and social segregation

of the modern American city, with emphasis on the social consequences of the changing urban spatial order. Prerequisite: same as for 330.

MRS. CONZEN

337 (1) Seminar. American History I 1

Topic for 1972-73: Selected problems in American legal history. The transmission of English law to the American colonies and the development of American law in the federal system. Not open to students who have taken [333]. Prerequisite: same as for 330.

MRS. PREYER

338 (2) Seminar. American History II 1

Topic for 1972-73: The Great Depression. An intensive examination of selected aspects of American society between 1929 and 1941 in an attempt to determine the impact of the Depression upon the lives and institutions of Americans. Not open to students who have taken [335]. Prerequisite: same as for 330.

MR. AUERBACH

340 (2) Seminar. Afro-American History 1

Topic for 1972-73: Research seminar in 19th century Afro-American history from a Black point of view. Students will be expected to do original research. Prerequisite: same as for 330.

MISS PAINTER

342 (1) Seminar. African History 1

Topic for 1972-73: African empires in the 19th century. A comparison of various African kingdoms which expanded in the 19th century through military conquest, comparing their political and military institutions and ideologies, the factors which contributed to their rise and decline, and the resulting social and economic changes in the conquered areas. Prerequisite: same as for 330.

MISS HAY

345 (1) Seminar. Chinese History I 1

Topic for 1973-74: To be announced. Prerequisite: same as for 330. **NOT OFFERED IN 1972-73.**

346 (2) Seminar. Chinese History II 1

Topic for 1972-73: Christianity and social change in modern China. Prerequisite: same as for 330.

MRS. BARNETT



347 (2) Seminar. Comparative History

1

Topic for 1972-73: Millennial Movements. Student papers will examine specific movements which were based on a belief in the imminent end of the world in an attempt to discover the different kinds of movements which have occurred and the historical, social, and cultural setting, both European and non-European, in which they may arise. Prerequisite: same as for 330. NOT TO BE OFFERED IN 1973-74.

MISS HAY

350 (1) (2) Research or Individual Study

1 or 2

Open by permission to juniors and seniors.

370 (1-2) Honors Program

2 to 4

Required of all honors candidates in the department.

Directions for Election

A wide variety of programs may provide insight into the nature and scope of history as a discipline. Accordingly, the major student is given great latitude in designing a program of study. The student may elect courses freely, but ordinarily should have as a primary focus one of the following: (1) a particular geographic area, nation, or culture (2) a limited time period (3) a special aspect of history, e.g., social, diplomatic, intellectual (4) a significant historical problem or theme, e.g., revolution, urbanization, racism. In designing a program students are encouraged to consider courses given at MIT and in other departments at Wellesley. The concept of the major should be discussed with the major advisor, and students should consult with their advisors about changes they may wish to make in the course of the junior and senior years.

The colloquia are available to freshmen and sophomores without prerequisite. Since colloquia enrollments are limited, special application must be made. Incoming freshmen may obtain application forms from the class dean, sophomores from the recorder's office, Green Hall. If a colloquium is oversubscribed the instructor will decide which applicants are to be accepted. Students are advised to apply for more than one, indicating first, second, and third choices if they wish.

Seminars, unless otherwise indicated, are open by permission of the instructor to qualified juniors and seniors. Since enrollments are limited, a student wishing to apply for admission to one or more seminars must fill out an application blank, available in the department office, Founders Hall 120.

The general survey courses (100, 101, 102, 103) and Grade II survey courses in classical (230, 231), Asian (271, 275, 276), African (267, 268), and Middle Eastern (265) history are open to all students without prerequisite. In addition, freshmen and sophomores with a strong secondary school background in European history (modern, and ancient or medieval) may elect as a beginning course 235, 236, 238, 239, 240, 244, 246, 248. Courses at the Grade I level, however, are strongly recommended for students planning to major in history.

History 300 is designed to acquaint students with the development of history as a discipline and to alert them to some of its methodological and interpretive problems. It is strongly recommended for consideration by major students.

ITALIAN

PROFESSOR: Avitabile (Chairman)

INSTRUCTOR: Ellerman

All courses are conducted in Italian. In all courses except seminars some work will be required in the laboratory.

Qualified students may be recommended to spend the junior year in Italy. See p. 57.

100 (1-2) Elementary Italian

2

Development of basic language skills for the purpose of acquiring contemporary spoken Italian and a reading knowledge useful in the study of other disciplines. A general view of Italian civilization. Three periods.

THE STAFF

202 (1) Intermediate Italian

1

Written and oral practice to develop fluency. Topics of contemporary interest, with readings from newspapers, periodicals, short stories, and poetry. Three periods. Prerequisite: 100 or the equivalent.

THE STAFF

207 (2) Significant Moments of Italian Literature: The Middle Ages to the Post-Renaissance 1

An introduction to the Golden Age of Italian literature. Study and analysis of selected works by such authors as Saint Francis of Assisi, Dante, Petrarch, Boccaccio, Leonardo da Vinci, Machiavelli, Castiglione, Guicciardini, and Ariosto. Prerequisite: 202 or [203].

MRS. ELLERMAN

301 (1-2) Dante 2

A study of Dante's *Divina Commedia* and minor works. Prerequisite: [206] or 207 or permission of the instructor.

MISS AVITABILE

302 (1) The Theater in Italy 1

The development of the theater from its origins to the present time. Study of the *Commedia dell'arte* and of plays by authors such as Polizano, Machiavelli, Tasso, Goldoni, and Pirandello. Prerequisite: same as for 301.

MRS. ELLERMAN

303 (2) Italian Romanticism 1

Preromantic and romantic literature with special reference to Foscolo, Leopardi, and Manzoni. Prerequisite: same as for 301.

MISS AVITABILE

308 (1) From Verismo to Neorealismo 1

A study of Italian fiction since 1880 as seen in the short stories by Verga and Pirandello and in the novels by authors such as Moravia, Pavese, and Vittorini. Prerequisite: same as for 301.

MRS. ELLERMAN

349 (2) Seminar 1

Topic for 1972-73: Modern Italian literary criticism. Introduction to the literary criticism of DeSanctis, Croce, and Gramsci. Contemporary trends with special reference to the sociological, symbolic, stylistic, and structuralist schools. An analysis of literary examples to illustrate the various methods. Open by permission of the instructor.

THE STAFF

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to students who have completed two units in literature in the department.

370 (1-2) Honors Program

2 to 4

Required of all honors candidates in the department.

Directions for Election

Course 100 counts toward the degree but does not count toward the major. Courses [226] and [227] count toward the major.

Majors are advised to take 301 and 308. Courses in one or more other languages, ancient or modern, in art, history, and philosophy, are recommended as valuable related work.

Majors planning to do graduate work in Italian are advised to take at least one unit in French or Spanish literature and to have a reading knowledge of Latin or of a third Romance language.



MATHEMATICS

PROFESSOR: Schafer (Acting Chairman), Evans
ASSOCIATE PROFESSOR: Norvig^a, Wilcox
ASSISTANT PROFESSOR: Renz, Myers, Blumenthal,
Stehney, Shultz

All courses meet for two periods weekly with a third period every other week.

100 (1) (2) Introduction to Mathematical Thought	1
---	----------

Study of form in mathematical thought with emphasis on interrelationships of structural patterns. Material selected from areas such as number theory, algebraic and geometric structures, and theory of infinite sets. Courses 100 and 102 are intended primarily as terminal courses; both may be elected. Open to all students except those who have taken or are taking 110 or 111 or the equivalent.

MISS EVANS

102 (1) (2) Introduction to Finite Mathematics 1

Topics selected from areas such as logic, sets, partitions, probability, vectors and matrices; applications in the biological and social sciences. Courses 102 and 100 are intended primarily as terminal courses; both may be elected. Open to all students.

MR. BLUMENTHAL, MR. WILCOX

108 (1) (2) Techniques of Calculus 1

This course is devoted almost exclusively to techniques and applications. It is primarily intended for students requiring calculus for applications. Topics include differentiation, integration, partial derivatives, with applications to extrema, velocities, related rates, areas, and volumes. The course introduces most of the techniques developed in 110 and 111. Not open to students who have taken or are taking either 110 or 111. Open to students who have some familiarity with trigonometric functions.

THE STAFF

110 (1) (2) Calculus I 1

Study of functions of one variable. Limits and continuity. Differential calculus of algebraic and trigonometric functions with applications. Introduction to the integral. Not open to students who have taken or are taking 108. Open to students who have some familiarity with trigonometric functions.

THE STAFF

111 (1) (2) Calculus II 1

The logarithmic and exponential functions. Techniques and applications of integration. Limits, derivatives, and integrals in greater depth than in 110. Prerequisite: 110 or a substantial introduction to the calculus, or 108 by permission of the department.

THE STAFF

203 (1) Probability and Elementary Statistics 1

Topics selected from the theory of sets, discrete probability for both single and multivariate random variables, probability density for a single continuous random variable, expectations, mean, standard deviation, and sampling from a normal population. Prerequisite: 111 or the equivalent.

MR. RENZ

206 (1) (2) Linear Algebra 1

Systems of linear equations, vector spaces over the real and complex fields, linear transformations, matrices, determinants. Prerequisite: same as for 203.

THE STAFF

207 (1) (2) Calculus III 1

Indeterminate forms, improper integrals and infinite series. Differentiation and integration of power series. Curves and elementary differential geometry. Introduction to differential equations. Prerequisite: same as for 203.

THE STAFF

208 (1) (2) Calculus IV 1

Functions of several real variables. Partial differentiation. Multiple and iterated integration. Line integration and Green's theorem. Prerequisite: 207 or permission of the instructor.

MRS. SCHAFER

210 (2) Differential Equations 1

An introductory course in ordinary differential equations. Prerequisite: 206 and 207, or 207 and permission of the instructor.

MR. BLUMENTHAL

249 (1) Selected Topics 1

Topic for 1972-73: Geometry. Hyperbolic, spherical, and projective geometries and their Euclidian foundations. Finite geometries. Geometries as axiomatic systems. Prerequisite: 111.

MISS STEHNEY

302 (1-2) Elements of Analysis 1 or 2

Point set theory; study of convergence, continuity, differentiation and integration in finite dimensional Cartesian spaces. One unit of credit may be given for the first semester. Prerequisite: 206 and 208.

MR. MYERS

305 (1-2) Modern Algebraic Theory 1 or 2

Introduction to algebraic systems including groups, rings, integral domains, fields, abstract vector spaces. One unit of credit may be given for the first semester. Prerequisite: same as for 302.

MR. WILCOX



307 (2)* Topology

1

An introduction to abstract point-set and algebraic topology. Topological spaces, compactness, connectedness, continuity. Topics taken from metric spaces, product spaces, separation axioms, convergence, homotopy-theory, manifolds, and simplicial homology. Prerequisite: 302 (1).

MISS STEHNEY

309 (2)* Foundations of Mathematics

1

The set-theoretic foundations of modern mathematics. Cardinal and ordinal arithmetic. The axiom of choice and the continuum hypothesis. Prerequisite: 302 (1) or 305 (1) or permission of the instructor. **NOT OFFERED IN 1972-73.**

310 (2) Functions of a Complex Variable

1

Elementary functions and their mapping properties; integration theory; series expansions of analytic functions. Prerequisite: 302 (1).

MR. BLUMENTHAL

349 (1) Selected Topics

1

Topic for 1972-73: Convexity. The geometrical and combinatorial properties of convex sets in n -space. Separation and support theorems, Caratheodory's theorem, Helly's theorem and its relatives. Combinatorial results on convex sets leading to the Brouwer fixed point theorem and related results as time allows. Prerequisite: 302 (1).

MR. RENZ

350 (1) (2) Research or Individual Study 1 or 2

Open to juniors and seniors by permission.

370 (1-2) Honors Program 2

Required of all honors candidates in the department.

Directions for Election

A major in mathematics must include 206, the first semester of 302 and of 305, and either the second semester of 302 or 310.

Courses 100 and 102 may not be counted toward the major. Students planning to elect both units of either 302 or 305 should take both units in the same year.

Students expecting to do graduate work in mathematics should elect the second semester of 302 and of 305, 310, and 349. They are also advised to acquire a reading knowledge of one or more of the following languages: French, German, or Russian.

Students who expect to teach at the secondary school level are advised to elect the second semester of 302 or a course in geometry, and 310.

Majors who may be practice teaching in their senior year should elect 302 (1-2) or 302 (1) and 310 (2) not later than in the junior year. Students are encouraged to elect MIT courses which are not offered by the Wellesley College mathematics department.

Placement in Courses and Exemption Examinations

Students entering with scores of 4 or 5 on the Advanced Placement AB Examination, or 3 on the BC Examination, of the College Entrance Examination Board are eligible for 206 and 207; those entering with scores of 4 or 5 on the Advanced Placement BC Examination of the College Entrance Examination Board are eligible for 206 and 208.

Examinations for exemption from one or two courses in mathematics to satisfy partially the college requirement in science and mathematics will be offered to students who have been well prepared in the subject matter of 110 and 111. If students pass both 110 and 111 examinations, they will receive exemption from two units in mathematics; if they should pass the 110 examination only, they will receive exemption from one unit in mathematics. Exemption examinations are not offered for 100 and 102.

MUSIC

PROFESSOR: Lamb

ASSOCIATE PROFESSOR: Herrmann^a, Jander (Chairman)

ASSISTANT PROFESSOR: Barry

INSTRUCTOR: Patterson, Duff³, Kelly

LECTURER: Windham³

INSTRUCTOR IN PERFORMING MUSIC: Zighera (Cello), Goetze (Piano), Taylor (Organ), Pappoutsakis (Harp), Speyer (Oboe and English Horn), Preble (Flute and Baroque Flute), Vivian (Organ), O'Donnell (Voice), Pinto (Violin and Baroque Violin), Hedberg (Viola), Moss (Piano), Odiaga (Harpsichord), Plaster (Bassoon and Assistant in Chamber Music), A. Cook (Viola da Gamba and Assistant to the Collegium Musicum), Stevens (Piano), Moran (Horn), Stuart (Clarinet), Linfield^a (Recorder and Assistant to the Collegium Musicum), R. Cook (Trumpet and Cornetto), Smith (Guitar and Lute and Assistant to the Collegium Musicum), Roth (Early Wind Instruments and Assistant to the Collegium Musicum)

101 (1-2) Introductory Course

1 or 2

The fundamentals of musicianship. Development of reading and listening skills. Introduction to traditional harmony. One unit of credit may be given for the first semester. Three periods: one lecture and two section meetings. Open to all students.

MISS BARRY

**103 (1-2) Introduction to the Literature
of Music**

1 or 2

A survey course designed to develop musical understanding, insight, and powers of observation through the study of music of various styles and periods. A previous knowledge of music is not required. One unit of credit may be given for the first semester. Not to be counted toward the major in music. Two periods of lecture and one section meeting. Open to sophomores, juniors, and seniors who have taken not more than one unit in music, and to freshmen with the permission of the chairman of the department.

MR. KELLY, MRS. DUFF

106 (2) Afro-American Music

1

A survey of Black music in America, its origins, its development, and its relation to cultural and social conditions. Open to all students.

MR. WINDHAM

200 (1-2) Design in Music

2

A survey beginning with Gregorian chant and concluding with electronic music, with emphasis on live performance and on the incisive analysis of scores. Three periods. Prerequisite: 101.

MR. JANDER



203 (1-2) Counterpoint	2
Two- and three-part writing. Analysis. Prerequisite: 101. MR. PATTERSON	
208 (1)* The Baroque Period	1
Studies in the music of the 17th and early 18th centuries with emphasis on the works of Bach and Handel. Not to be counted toward the major in music. Prerequisite: 101 or 103. NOT OFFERED IN 1972-73. MISS BARRY	
209 (1)* The Classical Period	1
Studies in the music of Haydn, Mozart, and Beethoven. Not to be counted toward the major in music. Prerequisite: 101 or 103. MRS. DUFF	
210 (2)* The Romantic Period	1
Analysis of representative compositions of the 19th century. Not to be counted toward the major in music. Prerequisite: 103 or 200 or 209. MRS. DUFF	
214 (2)* The Twentieth Century	1
An introduction to contemporary music. Not to be counted toward the major in music. Prerequisite: 103 or 200 or 208 or 209. NOT OFFERED IN 1972-73.	
303 (1) The Middle Ages and the Renaissance	1
Studies in the vocal music of Dufay, Josquin, and Byrd. Prerequisite: 200. MR. KELLY	
307 (2) The Opera	1
A study of operatic forms, styles, and traditions from the time of Mozart to the present. Open to juniors and seniors who have taken two Grade II units in the literature of music. NOT OFFERED IN 1972-73. MR. HERRMANN	
312 (1-2) Harmony	2
The figured bass. Harmonization of melodies. Analysis. Three periods. Prerequisite: 203. MR. LAMB	

316 (1-2) Introduction to Composition 2

Advanced studies in theory. The principles of instrumentation. Composition for small ensembles. Prerequisite: 312 and 320. **NOT OFFERED IN 1972-73.**

MR. LAMB

319 (1) Seminar. The Nineteenth Century 1

Topic for 1972-73: The expansion of symphonic process as observed in selected symphonies and concertos of Beethoven, Schubert, Schumann, Brahms, Tchaikovsky, and Liszt. Open to students who have taken 200 and who have taken or are taking 312.

MR. JANDER

320 (2) Seminar. The Twentieth Century 1

Topic for 1972-73: Studies in Neoclassicism, with examples drawn from works of Stravinsky, Bartok, Hindemith, and Berg. Prerequisite: same as for 303.

MR. JANDER

321 (1) Seminar. The Baroque Era 1

Topic for 1972-73: Analysis of selected choral and instrumental works of Handel. A study in conformity and nonconformity. Prerequisite: same as for 319.

MR. LAMB

322 (2) Seminar. The Classical Era 1

Topic for 1972-73: Mozart's chamber music with piano. Prerequisite: same as for 319.

MISS BARRY

344 (1) (2) Performing Music 1 or 2

Intensive study of interpretation and of advanced technical performance problems in the literature. One hour lesson per week. Open by permission of the instructor to qualified juniors and seniors who have taken or are taking 200. (See Directions for Election.)

THE STAFF

350 (1) (2) Research or Individual Study 1 or 2

Directed study in theory, orchestration, composition, or the history of music. Open to qualified juniors and seniors by permission.

370 (1-2) Honors Program 2 to 4

Required of all honors candidates in the department.



Directions for Election

A major in music includes 101, 200, 203, and 312. At least two units of additional study at the Grade III level are strongly recommended.

Students who plan to undertake graduate study in music should be aware that a knowledge of both German and French is essential for work at that level, and a proficiency in Italian is highly desirable. Also of value are studies in European history, literature, and art.

Music majors are especially urged to develop their musicianship through the acquisition of basic keyboard skills, through private instruction in practical music, and through involvement in the music department's various performing organizations.

Training in sight reading, keyboard harmony, and score reduction is provided without charge to all students enrolled in Music 203 and 312.

PERFORMING MUSIC

Private Instruction

The music department makes arrangements for private instruction in voice, piano, organ, harpsichord, harp, violin, viola, cello, viola da gamba, flute (Baroque and modern), oboe, clarinet, bassoon, trumpet, French horn, recorder, cornetto, lute, and guitar (classical and modern).

Students who contract for performing music instruction are charged at the rate of \$196 for a half-hour private lesson per week throughout the year. An additional fee of \$25 per year is charged to all performing music students for the use of a practice studio for one period daily. The fee for the use of a practice studio for harpsichord and organ is \$35. Performing music fees are payable in advance and can be returned or reduced only under limited conditions and upon the approval of the chairman of the department of music.

Special arrangements can be made for group instruction in viola da gamba or recorder, but for a single semester only. The fee is \$70 for the semester for a one-hour group lesson per week.

All students at Wellesley who take lessons in performing music are required to take the first semester of Music 101 (basic theory) or gain exemption.

Arrangements for lessons in performing music are made at the department office during the first week of the semester.

Academic Credit

A maximum of four units of academic credit for performing music is available during the junior and senior year to advanced students who are admitted to the 344 program. In order to be admitted to this special program the student must be recommended by the instructor and must perform a successful audition before the department faculty.

Performing Organizations

The following five organizations are a vital extension of the academic program of the Wellesley music department:

The Wellesley Choral Society

The Choral Society, of approximately eighty members, engages in a series of concerts each year on and off campus. They also perform jointly with men's choirs. Endowed funds provide for one concert each year accompanied by a professional orchestra.

The Wellesley Madrigals

The Madrigals is a chamber chorus of about twenty-five mixed voices. The organization elects its own student director.

The Chamber Music Society

The Chamber Music Society, supervised by a faculty member and assistants, presents three concerts each year, plus a number of diverse, informal programs.

The Collegium Musicum Wellesliensis

The Collegium Musicum, led by several members of the staff who specialize in early music, presents concerts featuring repertory for such instruments as viola da gamba, recorder, harpsichord, cornetto, Baroque flute, classical guitar, and lute.

The MIT Orchestra

Through the Wellesley-MIT Exchange Program students on the Wellesley campus are eligible to audition for membership in the MIT Symphony Orchestra. Wellesley students have become members of the orchestra and have often held solo positions.

PHILOSOPHY

PROFESSOR: Onderdonk^{a-2}

ASSOCIATE PROFESSOR: Stadler (Chairman), Putnam,
Congleton

ASSISTANT PROFESSOR: Shue

INSTRUCTOR: Magid

101 (1) (2) The Socratic Dialogues 1

An introduction to philosophy through the study of some of Plato's dialogues emphasizing his view of man's nature and development. Some comparison with alternative philosophical viewpoints. Open to all students.

MISS CONGLETON, MR. SHUE

109 (1) (2) Problems for Twentieth Century Philosophy 1

Problems pertaining to the nature of man and his moral and/or social commitments as these present themselves to philosophers reflecting upon life in the 20th century. Readings primarily (but not exclusively) from the contemporary philosophical literature, selected to illustrate and explain significant differences among present-day approaches. Open to junior and senior majors by permission of the instructor, and to all other students without prerequisite. A special section will be arranged in the first semester for junior and senior nonmajors.

MRS. PUTNAM, MR. SHUE, MISS MAGID

150 (1) Colloquium

1

For directions for applying see p. 234. Open by permission to a limited number of freshman and sophomore applicants.

(1)

The views of Hobbes, Locke, Rousseau, Mill, and Lenin. Discussion will center on whether some states are better than others, whether revolutions are ever justified, whether there will always be a state, whether the state should enforce a particular morality.

MRS. PUTNAM



201 (2) Plato and Aristotle 1

Readings in Plato's later dialogues and in Aristotle's treatises with a view to tracing the principal developments in epistemology and metaphysics. Selected readings also from the pre-Socratics and the Scholastics. Prerequisite: 101 or Greek 201 or permission of the instructor. **NOT OFFERED IN 1972-73.**

203 (1) Philosophy of Art 1

An examination of some major theories of art and art criticism. Emphasis on the clarification of such key concepts as style, meaning, and truth, and on the nature of judgments and arguments about artistic beauty and excellence. Open to sophomores who have taken one course in philosophy, and to juniors and seniors without prerequisite.

MRS. STADLER

204 (1) Philosophy of Language 1

An investigation of man as the unique user of language. The relationship of language capacity to rationality and morality will also be considered. Readings for the first half of the course will include Whorf, Skinner, Chomsky, Piaget, and Vygotsky; for the second half, Wittgenstein. Open to freshmen who have taken a course in philosophy, and to other students without prerequisite.

MISS CONGLETON

206 (1) (2) Moral Philosophy 1

An examination of how we arrive at intelligent moral decisions as discussed by major modern and contemporary philosophers: Hume, Kant, Mill, Dewey, Sartre. Application to current moral problems. Prerequisite: same as for 204.

MRS. PUTNAM

207 (1) The Development of Philosophy in the Seventeenth Century 1

The evolution of Continental Rationalism and the beginnings of British Empiricism presented through a detailed study of the major philosophers of the early modern period: Descartes, Hobbes, Spinoza, Locke. These developments in philosophy viewed in the context of the intellectual history of the time. This course has as its natural sequent 208. Open to all students.

MISS ONDERDONK

208 (2) The Development of Philosophy in the Eighteenth Century 1

The evolution of British Empiricism presented through a study of its major representatives: Locke, Berkeley, Hume. Some consideration of Kant's response. These developments in philosophy viewed in the context of the intellectual history of the time. Open to students who have taken [107] or 207, or by permission of the instructor.
MISS MAGID

215 (2) Consciousness, Ideology, and Knowledge 1

What factors influence the formation of an individual's beliefs? Theses in the sociology of knowledge. Readings in Marx, Weber, Morton White, and others. Prerequisite: same as for 204.

MRS. PUTNAM

216 (1) Logic 1

An introduction to the methods of symbolic logic and their application to arguments in ordinary English. Discussion of validity, implication, consistency, proof, and of such topics as the thesis of extensionality and the nature of mathematical truth. Open to sophomores, juniors, and seniors, and to freshmen by permission of the instructor.

MISS ONDERDONK

218 (1) History of Science I 1

For description and prerequisite see Extradepartmental 218.

219 (2) History of Science II 1

For description and prerequisite see Extradepartmental 219.

249 (2) Problems of Philosophy 1

Topic for 1972-73: Recent theories of knowledge and of mind. Critical evaluation of answers to such questions as: What is knowledge? What role does sensory experience play in knowledge? How are the mind and body related? What is the relevance of psychological research to these philosophical problems? Open to students who have taken at least one course in philosophy and not more than three; or by permission of the instructor.

MISS MAGID

301 (2) Nineteenth Century Philosophy 1

A consideration of some major themes in 19th century philosophy through a detailed study of Hegel followed, as time permits, by some discussion of Marx and Mill. Open to students who have taken [107] or 207, and 208, or by permission of the instructor.

MISS CONGLETON

302 (1) Pragmatism and Naturalism 1

An examination of works by the leading American pragmatists and of their influence on the development of a naturalistic world view in the philosophy of the 20th century. Open to students who have taken [107] or 201 or 207 or 208, or by permission of the instructor. **NOT OFFERED IN 1972-73.**

MRS. PUTNAM

311 (1) Kant 1

Intensive studies in the philosophy of Kant with some consideration of his position in the history of philosophy. Prerequisite: same as for 301.

MRS. STADLER

312 (2) Phenomenology and Existentialism 1

Central themes in contemporary European philosophy. Open to juniors and seniors who have taken two units in philosophy above the Grade I level, or by permission of the instructor.

MRS. STADLER

326 (2) Seminar. Pierce, Russell, and Quine 1

Contemporary problems in ontology and epistemology. Open to senior philosophy majors and by permission to other students who have taken two units in philosophy above the Grade I level.

MRS. PUTNAM

327 (1) Seminar. Present-Day Problems in Ethics or Epistemology 1

Topic for 1972-73: The foundations of knowledge. A critical investigation in contemporary epistemology. Does knowledge have a foundation in sensory experience? Is there anything we know with certainty? What role

does justification play in knowledge? What would a theory be like which acceptably answered these problems? Prerequisite: same as for 326.

MISS MAGID

333 (1) Seminar. European Intellectual History and Philosophy 1

Topic for 1972-73: An interdisciplinary examination of the problems of political liberty and personal autonomy in the social thought of Locke, Rousseau, Hegel, and Marx. Same course as History 333. Open to qualified juniors and seniors by permission of the instructor.

MR. SHUE AND MR. BERTOCCI

338 (2) Seminar 1

Political philosophy. Open to a limited number of qualified juniors and seniors by permission of the instructor. **NOT OFFERED IN 1972-73.**

MR. SHUE

350 (1) (2) Research or Individual Study 1 or 2

Open to juniors and seniors by permission.

370 (1-2) Honors Program 2 to 4

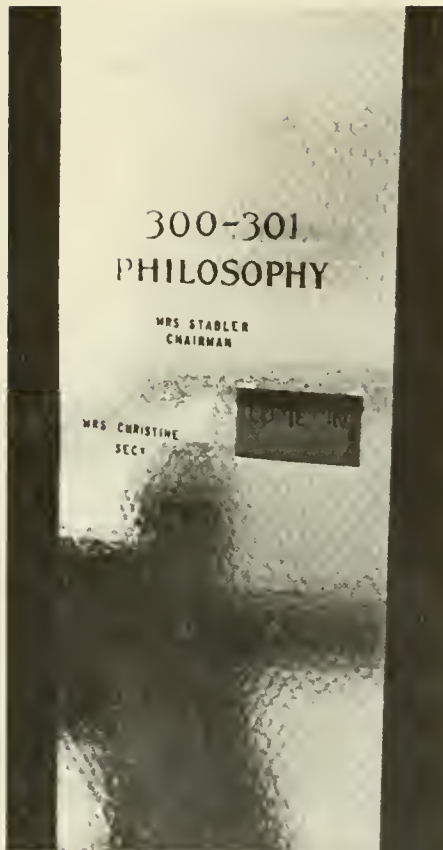
Required of all honors candidates in the department.

Directions for Election

Philosophy majors are expected to elect courses in at least two of the following fields: (1) logic or the philosophy of science (2) history of philosophy, ancient or modern (3) value theory, i.e., moral or political philosophy, or the philosophy of art. Students planning graduate work in philosophy are strongly advised to elect courses in all three fields, and, in particular, logic.

In addition, students majoring in philosophy should develop a special competence either in the work of one major philosopher or in one problem of contemporary concern. Such competence may be demonstrated by passing a course on the Grade III level with an honors grade, by 350 work, or by submitting a substantial paper. Special arrangements can be made for students with strong interdepartmental interests.

A knowledge of Greek, French, or German is desirable. Students planning graduate work in philosophy should acquire a reading knowledge of two of these languages.



PHYSICAL EDUCATION

PROFESSOR: Spears (Director)

ASSISTANT PROFESSOR: Cochran^a, Trexler

INSTRUCTOR: Jordan, Shevenell, Mitchell, Parks,
Burling, Batchelder, Holland, Wiencke

121 (1-2) Physical Education Activities

The instructional program in physical education is divided into four seasons, two each semester. To complete the College work in physical education a student must earn 8 credit points before the end of the junior year. These credit points do not count as academic units toward the degree, but are required for graduation. Most activities give 1 credit point each season, but certain activities give 2 or more credit points as noted below. Each activity is divided into classes to provide instruction in homogeneous groups. Complete descriptions of courses are sent to entering students. Special fees are charged for a few courses and are listed in the course descriptions. The total activities offered in 1972-73 follow.

(1)	Credit points
<i>Scheduled throughout the first semester</i>	
Elementary swimming	2
First Aid	3
Life saving and aquatic safety	3
Modern dance as related to theatre	4
Self-defense	2
Water safety instructor and aquatic leadership	4

Season 1. Scheduled in first half of first semester

Archery, canoeing, crew, diving, golf, hiking and backpacking, horseback riding, independent programs, individual figure control, modern dance, swimming, tennis, volleyball Each activity 1

Mask-fin-snorkel, sailing Each activity 2

Season 2. Scheduled in second half of first semester

Badminton, ballet, diving, fencing, folk dance, general conditioning, gymnastics, horseback riding, independent programs, individual figure control, modern dance, modern jazz dance, ski conditioning, squash, swimming, trampoline, volleyball Each activity 1

Scuba 2

Seminar: sport in society 2

Reading Period. Scheduled daily during reading period

Individual figure control, modern dance workshop, skiing, squash, swimming conditioning

(2)

Scheduled throughout second semester

Elementary swimming	2
First Aid	3
History of dance	4
Human performance	4
Life saving and aquatic safety	3
Self-defense	2
Water safety instructor and aquatic leadership	4

Season 3. Scheduled in first half of second semester

Badminton, diving, ethnic dance, fencing, gymnastics, independent programs, individual figure control, skiing, swimming, trampoline, volleyball Each activity 1





Mask-fin-snorkle, recreation leadership, ski instructor Each activity 2

Season 4. Scheduled in second half of second semester

Archery, canoeing, crew, general conditioning, golf, hiking and backpacking, horseback riding, independent programs, individual figure control, swimming, tennis, volleyball, water safety instructor refresher Each activity 1

Sailing, scuba Each activity 2

Reading Period. Scheduled daily during reading period

Individual figure control, modern dance workshop, sailing, scuba, swimming, tennis Each activity 1

Directions for Election

Each student is expected to complete a minimum of two seasons a year until Physical Education 121 is completed. A student may elect a course which is scheduled throughout a semester, two courses concurrently or may choose not to elect a course during some seasons.

Students should select courses which meet their present and projected interests in physical activities. It is hoped that students will gain knowledge of the relation of physical activity to the maintenance of general well-being; that they will achieve a level of ability, understanding, and participation in sports, dance, and/or exercise so that they may experience satisfaction and enjoyment; and that they will be able to swim with sufficient skill to participate safely in recreational swimming and boating.

A student's choice of activity is subject to the approval of the department and the College Health Services. Upon recommendation of a College physician and permission of the department a student may enroll in a modified program.

Students may continue to enroll in physical education after Physical Education 121 is completed. Members of the faculty may elect activities with the permission of the department.

PHYSICS

PROFESSOR: Guernsey (Chairman), Fleming^a
ASSOCIATE PROFESSOR: Brown^a
ASSISTANT PROFESSOR: Dodsworth, Hicks, Cavrak
TEACHING ASSISTANT: Lieu

Unless otherwise noted all courses meet for two periods of lecture and discussion weekly and all Grade I and Grade II courses have one three hour laboratory appointment weekly.

100 (1) Basic Concepts in Physics 1

Forces, fields, conservation laws, waves, atomic structure. Two periods weekly with a third period every other week. Three and one-half hour laboratory appointments in alternate weeks. Open to all students.

101 (2) Physics Today 1

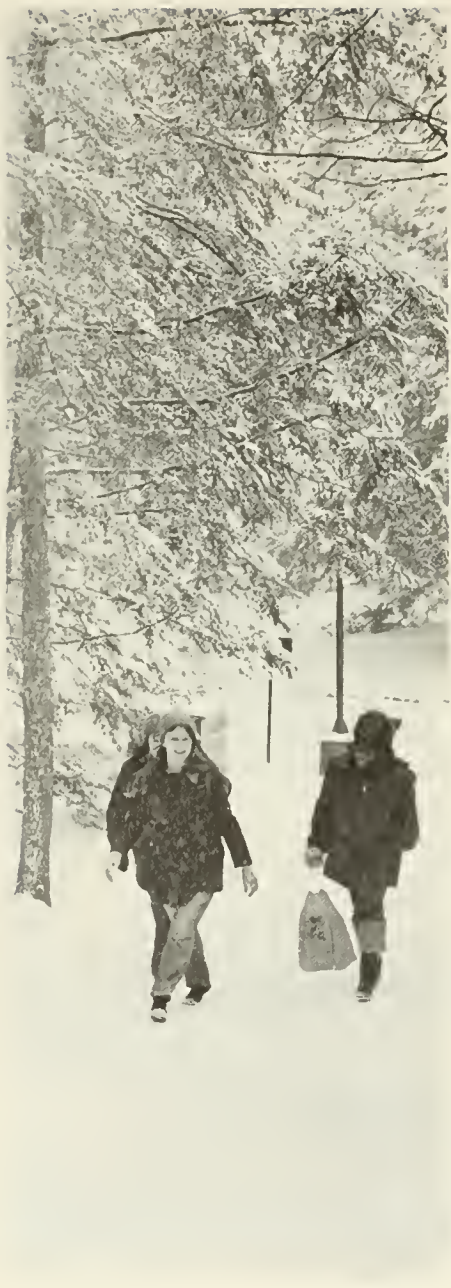
Discussion of some of the basic problems arising in contemporary physics. Each student will write a final paper applying physical principles to a particular field of interest. Laboratory in alternate weeks. Open to all students.

MRS. GUERNSEY

103 (1) Fundamental Physics I 1

Elementary mechanics, introduction to modern physics including special relativity. Two periods weekly with a third period every other week. Open to students who offer physics for admission and who are not eligible for 110.

MR. CAVRAK



106 (2) Fundamental Physics II **1**

Wave phenomena, optics, electric circuits. Two periods weekly with a third period every other week. Prerequisite: 100 or 103 or by permission [105], and Mathematics 110.

MR. CAVRAK

110 (1) Advanced General Physics **1**

Mechanics, wave motion, optics, electricity and magnetism. Two periods weekly with a third period every other week. Open to students who have completed Mathematics 111, or to students who offer physics for admission and are taking Mathematics 108 or 111.

MRS. GUERNSEY

200 (2)* Modern Physics **1**

Basic principles of relativity and quantum theory, and of atomic and nuclear structure. Prerequisite: [105] or 106 or 110. Prerequisite or corequisite: Mathematics 111. **NOT OFFERED IN 1972-73.**

201 (2) Electricity **1**

Fundamental laws of electric and magnetic fields; electric circuits; electric and magnetic properties of matter. Laboratory includes practice in the use of the oscilloscope and other measuring instruments. Prerequisite: [105] or 106 or 110, and Mathematics 111.

MRS. GUERNSEY

202 (1) Optical Physics **1**

Wave theory as applied to optical phenomena. Interference, diffraction, birefringence, polarization, dispersion. Introduction to modern optics including lasers and holography. Prerequisite: same as for 201.

MR. CAVRAK

204 (1) Mechanics **1**

Statics and dynamics including rotational motion, with emphasis on the solution of problems. Two periods weekly with a third period every other week. No laboratory. Prerequisite: same as for 201.

MISS HICKS



206 (1)* Electronics 1

Fundamental principles of electron tubes and transistors; application to power supplies, amplifiers, oscillators, modulators. Introduction to nonlinear electronic circuits. Prerequisite: 201. **NOT OFFERED IN 1972-73.**

MRS. GUERNSEY

216 (1) Applications of Mathematics in the Physical Sciences I 1

For description and prerequisite see Extradepartmental 216.

MISS DODSWORTH

217 (2) Applications of Mathematics in the Physical Sciences II 1

For description and prerequisite see Extradepartmental 217.

MISS HICKS

249 (2)* Selected Topics 1

Topic for 1972-73: Medical physics. Application of physics to biological systems. Forces acting on muscles and bones, feedback systems in the human body, and the heart as an electrical system are a few of the topics to be discussed. Field trips. Laboratory on alternate weeks. Prerequisite: same as for 201.

MISS DODSWORTH

305 (2)* Thermodynamics 1

The laws of thermodynamics; kinetic theory of gases; statistical mechanics. Prerequisite: [105] or 106 or 110, and 217 or Mathematics 208.

MISS DODSWORTH

306 (1) Advanced Mechanics 1

A vector analytical presentation of Newtonian mechanics; introduction to Lagrangian and Hamiltonian mechanics. Prerequisite: 204, and 217 or Mathematics 208.

MISS DODSWORTH

309 (1) (2) Advanced Experimental Physics 1

Fundamental experiments selected from different areas of physics. Two laboratory appointments per week. Offered in both semesters, given in only one. Open by permission.

THE STAFF

314 (2) Electromagnetic Theory 1

Maxwell's equations; electromagnetic waves and radiation; physical optics. Prerequisite: 201 and 306.

MR. CAVRAK

321 (1) Quantum Mechanics 1

Interpretative postulates of quantum mechanics; solutions to the Schroedinger equation; operator theory; perturbation theory; scattering; matrices. Prerequisite: 217 or Mathematics 210. In addition, one unit of Grade II of physics, or permission of the instructor. Physics 306 is recommended.

MISS HICKS

349 (2) Selected Topics 1

Topic for 1972-73: Applications of quantum mechanics to modern physics. Prerequisite: 321.

MISS HICKS

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors.

370 (1-2) Honors Program 2 to 4

Required of all honors candidates in the department.

Directions for Election

A major in physics should ordinarily include 201, 202, 204, 306, 314 and 321; 217 or Mathematics 208 is an additional requirement. One unit of another laboratory science is recommended.

A reading knowledge of two of the following languages is desirable for students planning to attend graduate school: French, German, Russian.

Premedical students are referred to the requirements given on p. 62.

Exemption Examination

An examination for exemption from Physics 110 is offered to students who present one admission unit in physics. Students who pass this examination will be eligible for Grade II work in physics. No unit of credit will be given for passing this examination.

POLITICAL SCIENCE

PROFESSOR: Stratton, Evans (Chairman)
ASSOCIATE PROFESSOR: Phibbs, Miller, Schechter^a
ASSISTANT PROFESSOR: Stettner, Just
INSTRUCTOR: Baras, Ellertson
LECTURER: Park³
VISITING PROFESSOR: Slouka³

100 (1) (2) Political Science and Modern Politics 1

Introduction to the study of political science, including American and comparative politics, international relations, public law, and political theory. Weekly lectures and discussion sections in the first half of the semester. The second half of the semester is conducted in small seminars each exploring a particular problem. In 1971-72 seminar topics were: the law and politics of civil rights; behavior of the Soviet Politburo and the American Presidency in the Cuban missile crisis and environmental quality control; ethnic politics in America; political corruption; permanent revolution in China; women and the law. Topics for 1972-73: To be announced. Open to all students.

THE STAFF

COMPARATIVE POLITICS

201 (1) The Variety of Regimes 1

A comparison of various types of regimes, including both historical and contemporary examples. Discussion of the goals of each regime, its theoretical basis or ideology, method of leadership selection, and the formal and informal machinery of government. Case studies will draw on the experience of Greek city-states, parliamentary democracies, and selected communist and fascist states. Special attention will be given to the problem of changing a regime through reform or revolution. Prerequisite: one unit in political science or two units in anthropology, economics, history, psychology, or sociology, or permission of the instructor.

MR. BARAS

204 (1) Comparative Politics of the Developing Areas 1

Study of selected aspects of African, Asian, and Latin American political systems, with emphasis upon use and evaluation of analytical concepts in recent literature; political change, national integration, and legitimization among problems considered. Not open to students who have taken [200]. Prerequisite: same as for 201.

MR. ELLERTSON

205 (1) Politics of Western Europe 1

An exploration of the political, economic, and social challenges confronting European industrial democracies in an era of rapid technological change. Emphasis on the politics and societies of Britain, France, Germany, and Italy, with additional examples drawn from the experience of the Benelux and Scandinavian countries. The evolution of parties, interest groups, parliaments, and bureaucracies will be considered in the contexts of both domestic politics and regional integration. Prerequisite: same as for 201.

MISS MILLER

207 (1) Politics of Latin America 1

Study of politics in selected Latin American states including Argentina, Brazil, Chile, and Mexico, treating dynamics of power development, reform and revolution, foreign policy, and factors underlying policy formation.



Prerequisite: same as for 201; by permission to qualified students who have taken Spanish. **NOT OFFERED IN 1972-73.**

209 (2) Political Systems of Subsaharan Africa 1

An examination of the problems of decolonization, national integration, and mobilization in selected African states, including Ghana, Nigeria, Ivory Coast, Tanzania, and the Congo (Kinshasa). Prerequisite: same as for 201. **NOT OFFERED IN 1972-73.**

300 (2) Politics of South and East Asia 1

The study of national and international politics in Asia with particular reference to India, China, and Japan. Special attention will be given to the theory of politics in the national setting of these three countries and in the special context of Asian international relations. Stress upon the impact of society, culture, and modernization upon politics and governmental institutions. Not open to students who have taken [306]. Prerequisite: same as for 201.

MR. BARAS

301 (1) Politics of The Soviet Union and Eastern Europe 1

Study of politics and government in the Soviet Union and East European satellites; the interrelationship of ideology and power, leadership, political institutions, and policy formation. Not open to students who have taken [308]. Prerequisite: same as for 201.

MR. BARAS

304 (1) Studies in Political Leadership 1

A consideration of the theory and practice of executive leadership in selected industrial and modernizing societies. The interaction of psychology and politics will be emphasized in exploring both conceptual approaches and case studies. Individual research and student reports. Not open to students who have taken [322]. Open to students who have taken one Grade II unit in international relations or comparative politics, or by permission of the instructor.

MISS MILLER

Topic for 1972-73: Popular participation in democratic systems — myth or reality? Study of public opinion, political socialization, elite-mass relationships, and alienation. Discussions will explore current problems of political participation involving such groups as women, poor people, ethnic and racial minorities. Not open to students who have taken [336]. Open to juniors and seniors by permission of the instructor.

MRS. JUST

AMERICAN POLITICS

210 (1) (2) American Political Parties and Interest Groups

1

Analysis of the role of extragovernmental political organizations in the American political process. Organization, operation, and evaluation of political parties and interest groups; recruitment of leaders; elections and behavior of the electorate; influences on public policy formation. Prerequisite: same as for 201.

MRS. JUST

211 (1) (2) Policy-Making in the Federal Government

1

Study of the behavior of the President and his immediate advisors, bureaucrats, the judiciary, and members of Congress and their staffs as revealed in representative case studies of domestic and foreign policy-making. Among cases considered have been Truman's decision to resist the North Korean invasion of South Korea, the Cuban missile crisis, the steel seizure of 1952, authorization and operation of the Council of Economic Advisors, and the supersonic transport controversy. Prerequisite: same as for 201.

MR. STRATTON

212 (1) (2) Urban Politics

1

An introduction to contemporary urban political problems emerging from racial conflict, redevelopment, community organization and action programs, poverty law and law enforcement, intergovernmental relations, and national urban policy; some consideration of methods

for studying urban politics. Field work in the Boston metropolitan region is required. Not open to students who have taken [223]. Prerequisite: same as for 201.

MR. ELLERTSON

**310 (1) Political Decision-Making
in the United States**

1

Analysis of the policy-making process based on simulation of decision-making in executive, legislative, and/or judicial units at different levels of government in the United States. Four or five nationally important questions considered with all class members playing roles as advocates, witnesses, decision-makers, or analysts; evaluation of role-playing and extent to which relevant considerations are taken into account in reaching decisions. Prerequisite: one Grade II unit in American politics or permission of the instructor.

MR. STRATTON



311 (2) Seminar**1**

Topic for 1972-73: Politics of environmental control. Study of a variety of environmental problems and the public and private institutions, interest groups, and ideologies which promote or inhibit adoption of effective governmental programs for environmental quality control. Not open to students who have taken 349. Prerequisite: same as for 305, p. 178.

MR. STRATTON

312 (2) Seminar**1**

Topic for 1972-73: The politics of community control. Intensive study of decentralized control of local American government – both inner-city and suburb – with emphasis on selected elements of the urban crisis, including poverty, delivery of public services, law enforcement, and administration of justice, as well as the values and expectations of urban citizens. Prerequisite: same as for 305, p. 178.

MR. ELLERTSON

INTERNATIONAL RELATIONS**221 (1) (2) World Politics****1**

An introduction to the international system with emphasis on contemporary theory and practice. Analysis of the bases of power and influence, the policy perspectives of principal states, and the modes of accommodation and conflict resolution. Prerequisite: same as for 201, p. 176.

MISS MILLER

222 (2) Comparative Foreign Policies**1**

An examination of factors influencing the formulation and execution of national foreign policies in the contemporary international system. Comparisons and contrasts between “advanced” and “developing” countries will be stressed, especially the varying significance of domestic sources of foreign policy in western and non-western settings. Prerequisite: one unit in international relations or comparative politics. **NOT OFFERED IN 1972-73.**

224 (1) World Community in the Scientific Age 1

International responses to scientific and technological change will be examined in such fields as marine science and technology, environmental alteration, plant pathology and the "green revolution," and telecommunications. Emphasis will be placed on understanding the processes of decision-making and patterns of state behavior in international organizations. Prerequisite: one unit in international relations or permission of the instructor.

MR. SLOUKA

321 (2) The United States in World Politics 1

An examination of American foreign policy since 1945. Readings will include general critiques and case studies designed to illuminate both the processes of policy formulation and the substance of policies pursued. Individual research and student reports. Prerequisite: same as for 224.

MISS MILLER

323 (1) Seminar 1

Topic for 1972-73: Scientific knowledge and world politics. Case studies of current issues that assess the role of scientific experts and technical expertise in the international political process. Emphasis on policy problems which result from the impact of advanced technology on the environment. Prerequisite: same as for 305, p. 178.

MR. SLOUKA

LEGAL STUDIES

330 (1) (2) Law and the Administration of Justice 1

An introduction to the nature and functions of law; the adversary system; methods of legal development based upon an analysis of selected problems in contract, tort, and criminal law; comparison of common law and civil law systems; relation of law and politics. Open to students who have taken one Grade II unit in political science, economics, history, philosophy, psychology, or sociology, and by permission of the instructor to sophomores. Recommended for students who are planning to take 331 or 332.

MISS EVANS



331 (2) The International Legal Process 1

Functions of law and legal institutions in the international political system, considering such matters as protection of individual rights; international criminal responsibility; domestic remedies against international wrongs; controls of uses of sea and aerospace; settlement of disputes; methods of improving compliance with international law. Selected current legal issues treated in moot court practice. Open to students who have taken 330 or two units in international relations, or by permission to other qualified students.

MISS EVANS

332 (2) The Supreme Court in American Politics 1

Analysis of major developments in constitutional interpretation, the conflict over judicial activism, and current problems facing the Supreme Court; judicial review, the powers of the President and of Congress, Federal-State relations, and individual rights and liberties. Selected current legal issues treated in moot court practice. Prerequisite: same as for 330.

MR. PARK

333 (1) Seminar 1

Topic for 1972-73: The law and politics of drug control. Interpretation and enforcement of laws prohibiting use or sale of marijuana, LSD, heroin, and other drugs. Emphasis on police behavior, the role of legal counsel, the functioning of the judicial system, and rehabilitation of offenders, as well as the politics of federal and state reform efforts. Prerequisite: same as for 305, p. 178.

MR. PARK

**POLITICAL PHILOSOPHY AND
EMPIRICAL THEORY**

**240 (1)* Classical and Medieval
Political Thought 1**

Study of political theories and doctrines of selected classical, medieval, and early modern writers such as Plato, Aristotle, Cicero, St. Augustine, St. Thomas Aquinas, Machiavelli, Luther, Calvin, and Hooker. Writings are

considered in their historical context and for their relevance to modern political analysis. Not open to students who have taken [202]. Prerequisite: one unit in political science or two units in economics, history, philosophy, psychology, or sociology. NOT OFFERED IN 1972-73.

241 (2) Modern and Contemporary Political Thought 1

Study of political theories and doctrines from the 17th century to the present. Among the theorists studied are Hobbes, Locke, Hume, Rousseau, Burke, Mill, Hegel, Marx, and representatives of contemporary schools and ideologies. Writings are considered in their historical context and for their relevance to political analysis. Not open to students who have taken [203]. Prerequisite: same as for 240.

MR. STETTNER

249 (1) Research Methods in Political Behavior 1

Discussion of the literature of political behavior, including public opinion, psychology of voting, and legislative decision-making in the United States and other countries. Classroom exercises will stress understanding of concepts underlying empirical analysis. Students will be introduced to the computer as a research tool and will undertake some original research as part of their course work. No previous knowledge of mathematics, statistics, or computers is required. Prerequisite: same as for 201, p. 176.

MRS. JUST

340 (1)* American Political Thought 1

An examination of political theories and doctrines which have been developed in the United States with a view toward determining their adequacy as descriptions of, and prescriptions for, American politics. Special emphasis given to the period of the framing of the Constitution, the Progressive Era, and to contemporary political beliefs and problems. Not open to students who have taken [302]. Prerequisite: one Grade II unit in political science, economics, history, philosophy, psychology, or sociology, or by permission of the instructor.

MR. STETTNER

341 (2)* Issues and Concepts in Political Theory 1

Study of such political concepts as freedom, justice, equality, democracy, power, revolution, civil disobedience, and political obligation. Discussion of related issues, including implications for political systems of adopting these concepts and problems which result when these values conflict with one another. Emphasis on contemporary political problems and sources. Not open to students who have taken [303]. Prerequisite: same as for 340.

MR. STETTNER

349 (2) Seminar 1

NOT OFFERED IN 1972-73.

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors.

370 (1-2) Honors Program 2 to 4

Required of all honors candidates in the department.

Directions for Election

The requirements for the major have been changed for the Class of 1974 and subsequent classes. Members of the Class of 1973 must include in their major one unit at the Grade I level and one unit above Grade I level in at least three of the following fields: American politics, comparative government, international relations, legal studies, political theory. Members of the Class of 1974 and subsequent classes are required to take a minimum of two units each in three of the five fields offered by the department. A major may be broad in scope, or it may have a special focus, e.g., metropolitan regional problems; Asian, European, or Latin American area studies; international relations; or political ethics, based upon selected courses and independent research.

Graduate work in political science leading to the Ph.D. usually requires a reading knowledge of two foreign languages and, for many specialties, a knowledge of statistical techniques or an introduction to the calculus.

A student participating in the Wellesley Washington Summer Internship Program or the Urban Internship Program may arrange with the director to earn credit for independent study. See pp. 34 and 56.

PSYCHOLOGY

PROFESSOR: Alper, Zimmerman

ASSOCIATE PROFESSOR: Schnall, Dickstein (Chairman)

ASSISTANT PROFESSOR: Cromer, Furumoto, Schiavo,
Schiffenbauer, Fox³

INSTRUCTOR: Clinchy, Stevenson, Naus

LECTURER: Stiver³

TEACHING ASSISTANT: Brewer

RESEARCH ASSISTANT: Eister

101 (1) (2) Introduction to Psychology 1

Study of selected research problems from areas such as personality development, learning, and cognition to demonstrate ways in which psychologists study behavior. Open to all students.

MISS ZIMMERMAN, MRS. CLINCHY

201 (1) (2) Statistics 1

The application of statistical techniques to the analysis of psychological data. Major emphasis on the use of statistics as a tool for the evaluation of published research and for use in the student's own research in more advanced courses. Laboratory. Prerequisite: 101. —

MR. SCHIFFENBAUER

207 (1) (2) Child Psychology 1

The behavior of normal children. A survey of experimental and clinical studies with special emphasis on theory and research in the area of parent-child relationships. Two periods of lecture and one of discussion or observation of children in nursery school settings. Prerequisite: 101.

MRS. ALPER, MR. SCHNALL



207R (1) (2) Research Methods in Child Psychology 1

An introduction to research methods appropriate to the study of child psychology. Individual and group projects. Laboratory. Each section typically limited to 10 students. Not open to students who have taken or are taking [200], 210R, or 212R. Prerequisite: 201 and 207.

MR. SCHNALL

210 (1) (2) Social Psychology 1

The individual's behavior as it is influenced by other people and the social situation. Study of social influence, interpersonal perception, social evaluation, and various forms of social interaction. Two periods of lecture and one of discussion. Prerequisite: 101.

MR. SCHIAVO

210R (2) Research Methods in Social Psychology 1

An introduction to research methods appropriate to the study of social psychology. Individual and group projects on selected topics. Laboratory. Each section typically limited to 10 students. Not open to students who have taken or are taking [200], 207R, or 212R. Prerequisite: 201 and 210.

MR. SCHIAVO

212 (1) (2) Personality 1

Selected theories of personality as applied to the normal individual. Some emphasis on relation of theories to selected topics and/or case studies. Prerequisite: 101.

MR. CROMER, MRS. FOX, MR. STEVENSON

212R (1) (2) Research Methods in Personality 1

An introduction to research methods appropriate to the study of personality. Individual and group projects. Laboratory. Each section typically limited to 10 students. Not open to students who have taken or are taking [200], 207R, or 210R. Prerequisite: 201 and 212.

MR. DICKSTEIN, MR. STEVENSON

217 (1) (2) Cognitive Processes 1

Selected issues in reasoning, problem-solving, concept attainment, and memory. Prerequisite: 101.

MR. DICKSTEIN, MRS. CLINCHY

218 (2) Perception 1

Experimental and theoretical approaches to selected topics in perception including visual space, form, and motion; speech perception; perceptual learning and development; and the role of personality variables in perception. Prerequisite: 101.

MISS NAUS

219 (1) Learning 1

Basic problems and research findings at the human and animal levels. Among topics studied: schedules and parameters of reinforcement, discrimination, generalization, conditioned reinforcement, and behavior correlated with negative reinforcement. Prerequisite: 101.

MRS. FURUMOTO

220R (1) (2) Research Methods in Experimental Psychology 1

An introduction to research methods employed in experimental psychology including the fields of learning, perception, and cognition. Group and individual projects. Opportunity for student selection of an appropriate independent project. Laboratory. Each section typically limited to ten students. Not open to students who have taken [209], [217R], [218R], or [219R]. Prerequisite: 101, and 217 or 218 or 219.

MRS. FURUMOTO AND MISS NAUS

300 (1) (2) Seminar 1

Topic for 1972-73: The psychology of college education. Contributions of the psychologist to the study of learning and teaching at the college level. Personality, motivational, and cognitive changes during the college years. Application of psychological research to the development of teaching materials for use in an introductory psychology course. Open by permission of the instructor.

MISS ZIMMERMAN

301 (1) Physiological Approaches to Behavior 1

An introduction to the relationship between physiological processes and aspects of human behavior such as emotion, motivation (drives, instincts), attention, learning and memory, basic sensory processes, schizophrenia, psychosomatic disorders, and aphasia. Open by permission to juniors and seniors who have taken 101 and at least two Grade II units, or by special permission of the instructor. **NOT OFFERED IN 1972-73.**

303 (1) (2) The Psychological Implications of Being Female 1

Consideration of some of the changing patterns in the behavior of women, including literature in the area of sex differences. Some of the following topics will be examined: theoretical formulations of the psychology of women, case studies; results of research on sex differences in humans and animals; social determinants of sex-stereotyped behavior. Open to juniors and seniors who have taken 101 and two Grade II units including 207 or 212 or both.

MRS. ALPER, MRS. FURUMOTO

306 (1) Emotion 1

Exploration of the physiological and social causes of emotion and the behavioral consequences of emotion. Among the topics to be discussed are arousal and information processing, self-labeling, projection, and contagion. Prerequisite: 101 and two Grade II units.

MR. SCHIFFENBAUER

307 (2) Adolescence 1

Theory and research concerning adolescent personality and behavior development. Some examination of pathological as well as normal development. Prerequisite: same as for 303.

MR. CROMER

309 (2) Abnormal Psychology 1

Consideration of major theories of neurosis and psychosis. Illustrative case materials. Selected issues in prevention and treatment of emotional problems. Prerequisite: same as for 303.

MRS. STIVER

310 (1) (2) Group Dynamics 1

Topics to be considered include leadership, influence, group norms, decision-making, and intergroup relations. Focus on the interaction between individual behavior and group phenomena. The course includes participation in an unstructured group. Open by permission of the instructor to juniors and seniors who have taken 101 and two Grade II units in psychology and/or sociology and anthropology.

MR. CROMER

311 (1) Seminar. Social Psychology 1

Topic for 1972-73: Psychological study of family interaction. Application of social psychological variables and small group theories to the study of family interaction. Topics will include norms, roles, social power, coalition formation, and conflict resolution. Some consideration given to the research methods used to study family interaction and to techniques for changing it. Open by permission of the instructor to juniors and seniors who have taken 101 and two Grade II units, including 210.

MR. SCHIAVO

312 (2) Seminar 1

Topic for 1972-73: Problems in social psychology. Detailed examination of some contemporary areas of research interest in social psychology. Some topics to be covered: nonverbal communication, attitude formation and change, de-individuation, relationship between attitude and behavior. Prerequisite: same as for 311.

MR. SCHIFFENBAUER

313 (2) Seminar 1

Topic for 1972-73: Changing approaches toward the treatment of mental illness. Topics will include the application of behavior modification techniques to institutional settings, experimental communities for inpatients, crisis intervention, family therapy, community centers, and use of paraprofessionals. Open by permission of the instructor to juniors and seniors who have taken 101 and two Grade II units, including 212.

MR. STEVENSON

317 (1) Seminar. Cognitive Development and Education 1

Examination of fundamental issues in education from the point of view of current theory and research in cognitive development. Emphasis will be on Piaget's theory of intelligence and its implications. Open by permission of the instructor to juniors and seniors who have taken 101 and at least two Grade II units.

MRS. CLINCHY

318 (1) The Psychology of Language 1

Problems in the psychology of language, including theories of language and its acquisition, speech perception,

and the relation between language and thought. Open to students who have taken 101 and at least two Grade II units, or by permission of the instructor.

MISS NAUS

325 (1) History and Systems of Psychology 1

The history of selected topics, issues, and systems in psychology with emphasis on reading of primary sources. Some of the following systems will be treated: Gestalt psychology, behaviorism, psychoanalysis, structuralism, and functionalism. Attention will be given to the nature of psychological explanation and the problems of objectivity in social research. Prerequisite: same as for 301. **NOT OFFERED IN 1972-73.**

327 (1) Seminar. Child Psychology 1

The relationship between achievement motivation and learning in children with special emphasis on the antecedents and consequences of some selected patterns of achievement motivation. The literature in the area of learning inhibitions as well as sex difference patterns will be discussed. Open by permission of the instructor to juniors and seniors who have taken 101, 207, and 212.

MRS. ALPER

330 (1) Seminar 1

Topic for 1972-73: Animal behavior. An introduction to comparative and ethological approaches to the study of behavior. Reproductive behavior of ring doves, aggressive behavior of Siamese fighting fish, and the social behavior of baboons, chimpanzees, and other nonhuman primates will be among the topics considered. Reading and discussion of selected experimental and theoretical work will be combined with field trips and laboratory observations. Open by permission of the instructor to juniors and seniors who have taken 101 and two Grade II units, or 101 and Biology 105.

MRS. FURUMOTO

335 (2) Seminar 1

Topic for 1972-73: Memory and thinking. Theories of verbal learning, human conditioning, decision learning, problem solving, concept identification; current memory models; the development of memory in the child, and, through mnemonics, in the adult. Prerequisite: same as for 318.

MISS NAUS

349 (2) Seminar

1

Topic for 1972-73: The case study method as a technique for studying personality development. Illustrative material will be drawn mainly from case studies of college-age women. Prerequisite: same as for 327.

MRS. ALPER

350 (1) (2) Research or Individual Study

1 or 2

Open by permission to juniors and seniors.

370 (1-2) Honors Program

2 to 4

Required of all honors candidates in the department.

Directions for Election

A major in psychology must include 101 and 201; **one** of the following: 207, 210, 212; and **one** of the following: 217, 218, 219.

The department offers four research courses: 207R, 210R, 212R, 220R. A major in psychology must include at least one of these. However, no more than one of 207R, 210R, 212R may be elected. It is possible to elect 220R in addition to one of the other R courses.

The department recommends that 201 be taken in the sophomore year.



RELIGION AND BIBLICAL STUDIES

PROFESSOR: Denbeaux, Mowry (Chairman)
ASSOCIATE PROFESSOR: Johnson
ASSISTANT PROFESSOR: Vanderpool
INSTRUCTOR: Siff, Nold
LECTURER: Santmire, Karefa-Smart³

104 (1) (2) Studies in the Old Testament 1

Study of historical, wisdom, prophetic, and apocalyptic literature from the Hebrew Scriptures. Introduction to the method of literary and historical criticism. Consideration of the biblical tradition in its relation to the individual and society. Open to all students.

THE STAFF

105 (1) (2) The Person and Message of Jesus 1

The life and message of Jesus of Nazareth, based on recent historical critical research of the Gospel record. A consideration of the relation between historical knowledge about Jesus and the faith of the early church in him with particular attention to the synoptic Gospels. Open to all students.

MISS MOWRY

106 (2) Introduction to the Study of Religion 1

An introduction to the analytical methods that illumine the nature and function of religion with an investigation of the major religious traditions of the West. Readings from characteristic moments in the history of Judaism, Orthodoxy, Catholicism, and Protestantism. Open to all students.

THE STAFF

107 (1) (2) Crises of Belief in Modern Religion 1

Religious and anti-religious thinkers from the Enlightenment to the present. An examination of the impact of the natural sciences, social theory, psychology, and historical method on traditional religion. Readings in Hume, Darwin, Teilhard de Chardin, Marx, Reinhold Niebuhr, Freud, Tillich, and others. Open to all students.

MR. SANTMIRE, MR. JOHNSON

203 (1-2) Classical Hebrew 2

The elements of biblical Hebrew grammar, syntax, and vocabulary. Readings of selections from the Hebrew Scriptures. Open to all students.

MISS SIFF

204 (1) Christian Beginnings in the Hellenistic World 1

A study of the emergence of the Christian movement with special emphasis upon those experiences and convictions which determined its distinctive character. Intensive analysis of Paul's thought and the significance of his work in making the transition of Christianity from a Jewish to a Gentile environment. Prerequisite: 105 or permission of the instructor.

MISS MOWRY

206 (1) Israel's Literature and the Ancient Near East 1

The literature of biblical Israel viewed against the background of the cultures of Canaan, Egypt, and Mesopotamia as illumined by modern archaeology. Ancient Near Eastern mythological, cultic, and ritual texts to be read and compared with biblical texts. Prerequisite: 104 or permission of the instructor.

MISS SIFF

208 (1) (2) Christian Ethics 1

A study of texts selected from the history of western ethics. Focus on Christian sources in relation to their critics in classical and contemporary periods. Open to freshmen and sophomores who have taken one course in the department, and to juniors and seniors without prerequisite.

MR. JOHNSON

210 (1) Psychology of Religion 1

An examination of psychological theories of religion from Freud to the present. A critical inquiry into the relationship of psychological processes and religious symbols. Readings in Freud, Jung, Fromm, Erikson, Maslow, William James, Robert Coles, Robert Jay Lifton, Robert Bellah, and Norman O. Brown. Prerequisite: one unit in the department and one unit in psychology, or two units in either department.

MR. JOHNSON

213 (2)* Judaism until the Modern Age 1

A study of mainstream Judaism; the origin and development of rabbinic theology and ritual and subsequent interpretation by movements such as Mysticism, Hasidism, the Enlightenment, and Reform. Offered in alternation with 214. Open to students who have taken one of the following: 104, 106, 214; or by permission of the instructor. **NOT OFFERED IN 1972-73.**

MISS SIFF

214 (2)* Modern Jewish Thought 1

Post-enlightenment Judaism from Mendelsohn to Buber. Developments including the Emancipation movements, Zionism, and modern orthodoxy to be studied with a view to their impact on contemporary Judaism. Offered in alternation with 213. Open to students who have taken one of the following: 104, 106, 213, 217; or by permission of the instructor.

MISS SIFF

216 (2)* Classical Theology 1

The interaction of the biblical world view with classical culture and the consequent emergence of specifically Christian thought. The church fathers, the theology of the Creeds, Augustine and medieval theology. Offered in



alternation with 226. Open to freshmen by special permission of the instructor, and to sophomores, juniors, and seniors without prerequisite.

MR. DENBEAUX

217 (2) Christianity in the Reformation and Modern Eras 1

The diverse efforts from the time of Martin Luther into the 20th century that reformed, reaffirmed, and radically reshaped Christianity. Focus on major thinkers and movements that interacted with intellectual, scientific, and social developments in molding western society. Prerequisite: one unit in the department or permission of the instructor.

MR. VANDERPOOL

218 (2) Religion in America 1

Major expressions of religion in America from the colonial beginnings to the present. The interaction of religion with intellectual, political, and cultural history and the diverse origins, conflicts, and contributions of Protestant groups, Roman Catholicism, Judaism, various sects, cults, and moral movements. Prerequisite: one unit in the department or in American history, or permission of the instructor.

MR. VANDERPOOL

219 (1) Theology in a Secular Age 1

Attempts to modernize religious thinking: Barth, Bonhoeffer, Tillich, and *aggiornamento*. The state of theology in the new world: the search for relevance and the revival of conservatism. Prerequisite: same as for 217.

MR. DENBEAUX

226 (2)* Nineteenth Century Theology. 1
Kierkegaard

Origins and legacy of existentialism. Kierkegaard's shaping of the modern theological temper and renewal of the Augustinian synthesis. Offered in alternation with 216. Prerequisite: same as for 217. **NOT OFFERED IN 1972-73.**

MR. DENBEAUX

228 (2) Black Religion and Social Protest 1

Analysis of the Black man's religion in the context of American society and culture including its relation to the tradition of social protest. Consideration of the influence of such leaders as Frederick Douglass, W. E. B. DuBois, Malcolm X, Martin Luther King, Jr. Open to students who have taken one unit in the department or in sociology and/or anthropology.

MRS. KAREFA-SMART

251 (1) Hinduism and the Religions of India 1

A study of two aspects of Hinduism: (1) the multiple suggestions (devotional, popular, legal, philosophical, and mystical) offered to questions about ultimate reality, the world, and man in the most influential periods of Hinduism (2) its relation to minority groups (Buddhist, Jaina, Moslem, Zoroastrian or Parsi, Nestorian Christian, Sikh, and Jewish) in a pluralistic religious society. Prerequisite: one Grade I unit in the department.

MISS NOLD

252 (1) Islam 1

A study of the major periods of Islam from its origin to the present including the Black Muslim movement in the United States. Emphasis upon readings in Islamic texts: The Koran, and the writings of Moslem theologians, philosophers, and mystics. A consideration of modern re-evaluation and reform in the Middle East, India, South-east Asia, and Africa. Prerequisite: same as for 251.

MISS NOLD

253 (2) Buddhism and East Asian Religions 1

An examination of Buddhism as a distinct religious phenomenon; its interaction with the indigenous religions of East Asia; and its contributions to the social institutions and culture of China and Japan. Readings in early Buddhism, Confucianism, Taoism, Zen, and Shinto myths and legends. Prerequisite: same as for 251.

MISS NOLD

305 (1) Seminar. History of Religions 1

An examination of the nature and goal of the mystical experience and of types of mysticism, such as nature-, soul-, and god-mysticism, in the major religious traditions (Hinduism, Buddhism, Judaism, Christianity, and Islam). Discussion to be based on scholarly treatments of mysticism and on reports of prominent mystics in these traditions. Open to students who have taken two of the following: 204, 213, 251, 252, 253.

MISS NOLD

306 (2) The Prophet in Biblical Israel 1

An investigation into the phenomenon of prophecy in Israel and the place of the prophet in Israelite society followed by an intensive study of the writings of a classical prophet. Prerequisite: 104 or 203 or 206 or permission of the instructor.

MISS SIFF

307 (2) Seminar. The New Testament 1

A study of the Christian movement, its life and problems, in the post-Pauline period with special emphasis on the Gospel according to John and its interpretive insights for an understanding of the person and work of Jesus and of the Christian tradition. Prerequisite: 204.

MISS MOWRY

311 (1) (2) Theology and Its Expression in Literature 1

The relation of theology and imagination. A study of the employment of religious symbols by such writers as Dostoevski, Faulkner, Kafka, and Unamuno. Open to students who have taken one unit in the department and one Grade II unit in literature.

MR. DENBEAUX



315 (1) Seminar. Theology

1

An intensive study of a major thinker or theological school, discussing Christian and Jewish traditions in alternate years. Topic for 1972-73: The Franciscan Vision (St. Francis and St. Bonaventure). Topic for 1973-74: The Patmos School (Buber, Rosenstock-Huessy, and Rosenzweig). Prerequisite for 1972-73: 216 or 217 or 218 or 219 or 226 or permission of the instructor. Prerequisite for 1973-74: 213 or 214 or permission of the instructor.

MR. DENBEAUX

316 (2) Seminar. Christian Ethics

1

Topic for 1972-73: Psychological aspects of ethical decisions. Case studies of historical and contemporary public figures chosen by the instructor and students. An intensive study of an ethical issue or set of related issues with readings in relevant source material. Prerequisite: 208 or 210.

MR. JOHNSON

350 (1) (2) Research or Individual Study

1 or 2

Open to juniors and seniors by permission.

370 (1-2) Honors Program

2 to 4

Required of all honors candidates in the department.

Directions for Election

The total program of the major shall be prepared in consultation with the advisor so as to provide for an appropriate balance between specialization and diversity.

Specialization shall include a sequence of courses in at least one particular field of study. Diversity is fulfilled by electing some work within the department outside the field of specialization.

Freshmen and sophomores considering a major are encouraged to elect introductory courses appropriate to their special field of interest; information is available in the department office. Students planning to pursue studies in the Twelve College Exchange Program as part of their major should consult with their department advisor. Several of the Twelve College religion departments offer courses which could supplement and enrich a Wellesley major in religion and biblical studies.

Studies in the original language are particularly valuable for students specializing in Old Testament or New Testament; see Religion 203 (Hebrew) and Greek 102 (Beginning Greek).

RUSSIAN

PROFESSOR: Lynch (Chairman)
ASSOCIATE PROFESSOR: Bones^a
INSTRUCTOR: Burgin, Sloane³

100 (1-2) Elementary Russian 2

Grammar, oral and written exercises, reading of short stories. Three periods.

THE STAFF

150 (1) Colloquium 1

For directions for applying see p. 234. Open by permission to a limited number of freshman and sophomore applicants.

(1)

Aspects of Russian drama. The study of tradition and innovation in Russian drama as reflected in the major plays of the 19th and 20th centuries, from Griboyedov's *Woe from Wit* to Majakovsky's *Mystery-Bouffe*, and today's avant-garde works. Emphasis on the period from 1850 to the present. Conducted in English. **NOT OFFERED IN 1972-73.**

MRS. BONES

200 (1-2) Intermediate Russian

2

Reading with emphasis on vocabulary building; review of grammar; composition and oral expression. Selected readings in classical and modern Russian literature, and in Russian history and culture. Prerequisite: 100 or the equivalent.

MISS BURGIN, MRS. SLOANE



201 (1) Russian Literature in Translation I 1

Russian literature from its beginnings to the middle of the 19th century. The focus of the course is on the major prose of the first half of the 19th century. The authors to be considered include Pushkin, Lermontov, Gogol', Goncharov, Turgenev, and Dostoevsky. Open to juniors and seniors or by permission of the instructor.

MISS BURGIN

202 (2) Russian Literature in Translation II 1

Russian literature from the second part of the 19th century to the present with emphasis on the works of Tolstoy, Chekhov, Sologub, and such Soviet writers as Babel, Olesha, Pasternak, and Bulgakov. Prerequisite: same as for 201.

MISS BURGIN

249 (2) Introduction to Language 1

Its history, theory, logic, and its application to Russian. General laws of phonology, syntax, and grammatical categories. Conducted predominately in English. Students' interest in more than one foreign language encouraged. Prerequisite or corequisite: 200 or permission of the instructor.

MRS. LYNCH

300 (1-2) Advanced Russian 1 or 2

Studies in the structure of the Russian language. Reading of literary and historical works. Regular written and oral reports on individual selected topics. One unit of credit may be given for the first semester. Prerequisite: 200.

MRS. LYNCH

311 (1)* Russian Literature from its Beginnings to Pushkin 1

Discussion of the Byzantine, western, and folk influences in the chronicles and epics of the Kievan and Moscovite periods. Reading of the *Igor Tale*, selections from *Primary Chronicle*, *Zadonshchina*; and works of Ivan IV, Avvacum, Lomonosov, Derzhavin, Radishchev, Karamzin, and Pushkin. Prerequisite or corequisite: 300. NOT OFFERED IN 1972-73.

MRS. LYNCH

317 (1)* Russian Writers Today: Emigré and Soviet 1

Prose and poetry of Aldanov, Nabokov, G. Ivanov, Morshen, and Bulgakov, Solzhenitsyn, Voznesensky, Okudzhava. Prerequisite or corequisite: 300.

MRS. LYNCH

320 (2)* Seminar 1

Topic for 1972-73: To be announced. Prerequisite or corequisite: 300.

MRS. SLOANE

349 (2) The Writer in a Censored Society: His Literary and Nonliterary Roles 1

From Pushkin and Lermontov through Tolstoy, Dostoevsky, Majakovsky, Esenin, Zam'atin, and to Evtushenko, Sin'avsky, Daniel. Prerequisite or corequisite: 300. **NOT OFFERED IN 1972-73.**

MRS. LYNCH

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to qualified students.

370 (1-2) Honors Program 2 to 4

Required of all honors candidates in the department.

Directions for Election

Course 100 counts toward the degree but not toward the major. Courses 150, 201, and 202 count toward the distribution requirements in Group A but do not count toward the major. However, both 201 and 202 are strongly recommended to students who major in Russian.

Students interested in majoring in Russian should consult the chairman of the department early in the college career.

History 246 and 309 and Extradepartmental 330 and 331 are strongly recommended as related work.

The study of at least one other modern or classical language is strongly recommended for those wishing to do graduate work in Slavic languages and literatures.

Students interested in an individual major which includes Russian are invited to confer with the chairman in planning their program.

Nonmajors who wish to take literature courses in the department may submit their written assignments in English.

SOCIOLOGY AND ANTHROPOLOGY

PROFESSOR: Stoodley, Eister (Chairman)
ASSOCIATE PROFESSOR: Shimony^a
ASSISTANT PROFESSOR: London^a, Mueller, Hall
INSTRUCTOR: Lieber, Dimieri
VISITING PROFESSOR: Mangin

102 (1) (2) Introduction to Sociology 1

Sociological analyses of personal interaction and group structures in different social settings. Applications of sociological research methods to small groups, formal or bureaucratic organizations, the local community, and the total society. Open to all students.

THE STAFF

104 (1) (2) Introduction to Anthropology 1

Consideration of man's place in nature, his physical history, and physical varieties. Brief survey of archaeology and linguistics. The nature of culture with examples primarily from nonwestern societies. Open to all students.

MR. MANGIN, MR. LIEBER

- 105 (2) Reading in Anthropology** **1**
 Continuation of the study of physical anthropology and archaeology. Conducted as a reading course. Prerequisite: 104. [NOT OFFERED IN 1972-73.](#)
 MRS. SHIMONY
- 201 (2) Social Research I** **1**
 Techniques of field study, data collection in relation to well-defined sociological problems. Participant observation, survey research instruments, content analysis. Prerequisite: 102 or 104.
 MR. DIMIERI
- 202 (1) Social Research II** **1**
 Techniques for handling quantified factors. Social statistics, tabulation, diagramming; analysis of distribution curves and tests of significance of differences; simple correlation; analysis of variance, etc. Prerequisite: same as for 201. [NOT OFFERED IN 1972-73.](#)
- 203 (2) Deviance** **1**
 The patterning of nonnormative behavior and its relation to social process. Focus on juvenile delinquency and mental impairment in the United States and in crosscultural perspective. Prerequisite: same as for 201.
 MR. STOODLEY
- 204 (1) Afro-American Anthropology** **1**
 The social and cultural organization of Afro-American peoples. Focus on the African sources, the slave experience, and the adaptations of Afro-Americans to conditions in the New World. Emphasis on two areas: urban America, and the Caribbean. Prerequisite: same as for 201.
 MR. LIEBER
- 205 (1) Social Anthropology** **1**
 Comparative study of social, political, and economic organization of primitive societies. Stability and change of primitive groups in contact with western culture. Application of anthropology to the problems of underdeveloped countries. Prerequisite: same as for 201.
 MR. MANGIN
- 206 (1) Sociology of Education** **1**
 For description and prerequisite see Education 206.

207 (2) Comparative Analysis of Complex Advanced Societies 1

Organization, functions, and characteristic interrelationships among the major social institutions in total societies. Comparative study. Emphasis on problems of integration and change. Prerequisite: same as for 201.

MRS. HALL

209 (1) Social Stratification and Power 1

The nature of the class system in the United States and in other societies. Social problems created by stratification. Roles of the disadvantaged and the privileged in reform movements and revolutions. Prerequisite: same as for 201.

MRS. MUELLER

210 (1) (2) Racial and Ethnic Minorities 1

An analysis of the problems of racial and ethnic groups in American and other societies. Systematic study of adjustment mechanisms of selected racial, religious, and immigrant minorities with special emphasis on Black-White relations. Prerequisite: same as for 201.

MR. MANGIN

211 (1) Family and Community 1

Family life in several periods and social milieu. Its effect on the roles of women and children. The impact of industrialization and the changing relationship between the family and institutions of the community. Prerequisite: same as for 201.

MRS. HALL

212 (2) Sociology of Religion 1

Sociological and anthropological views of religion. Differences in organization and functions of religion in primitive, traditional, and advanced contemporary societies. Problems of organized religion in secular, pluralistic, and urban-industrial society. Prerequisite: same as for 201.

MR. EISTER

219 (1) Formal Organization and Bureaucracy 1

The organization and its publics; social structure of work groups; organizational dynamics, managerial control, compliance, and noncompliance; social context of organizations. Prerequisite: 102.

MR. DIMIERI

- 220 (1) (2) Urban Society** **1**
 Origins and development of cities. Theories of urbanization. Problems and future trends relating to the city as a social organization. Prerequisite: same as for 201.
 MRS. MUELLER, MR. DIMIERI
- 231 (1) Society and Self** **1**
 Social structure and process with relation to the self. Social contributions and impediments to individual experience. Institutionalization of, and group innovation in, goals, attitudes, and ideas. Group formation as related to self identity and social purpose. Prerequisite: same as for 201.
 MR. STOODLEY
- 235 (2) Public Opinion and Mass Media of Communication** **1**
 Analysis of mass communication through models based on the sociology of language. Consideration of the interaction of societal groups concerned with the media as a source of power. Emphasis on television; newspapers, including the underground press; and magazines. Prerequisite: same as for 201.
 MR. STOODLEY
- 300 (1) Classical Sociological Thought** **1**
 Development of major sociological themes and theoretical positions from Comte to Parsons. Prerequisite: 102 and two Grade II units, or permission of the instructor.
 MR. EISTER
- 301 (2) Anthropological Theory** **1**
 History of ethnological theory. Examination of current evolutionary and functional theories of culture. Discussion of the relationship between personality and culture. Problems of method in anthropology. Prerequisite: 104 and two Grade II units, or permission of the instructor.
 MR. LIEBER
- 302 (2) Tutorial. Modernization and Social Change in the Middle East** **1**
 Weekly conferences with individual students on specific problems of social change in traditional societies. Open to juniors and seniors by permission of the instructor.
 NOT OFFERED IN 1972-73.
 MR. EISTER

TUPELO POINT

ACCORDING TO AN OLD INDIAN LEGEND IF, ON THE OCCASION OF A COUPLE'S THIRD VISIT TO THIS SACRED SPOT, THE GIRL IS NOT ASKED FOR HER HAND, SHE MUST FLING THE WOEFUL SUITOR INTO THE DEPTHS OF LAKE WABAN.

303 (2) Current Theory Construction and Verification 1

Reading and discussion of major current theories in selected areas of sociological investigation with emphasis on alternative and on complementary methods of testing. Prerequisite: 300 or permission of the instructor.

MRS. HALL

304 (2) Urban Education 1

The application of sociological theory and research to urban education. Topics include the school curriculum and urban students; the urban teacher; the administration and organization of urban school systems; the urban community and the school. Prerequisite: same as for 300, but one of the Grade II units must be 220. **NOT OFFERED IN 1972-73.**

MR. LONDON

311 (2) Seminar. Symbolic Anthropology 1

The nature of symbolic processes and metaphoric thought in belief and action systems. An examination of the symbolic basis of myth, ritual, and the structure of everyday life. Readings will include Geertz, V. Turner, Lévi-Strauss, and Goffman. Prerequisite: same as for 300.

MR. LIEBER

320 (2) Urban Social Systems 1

Sociological and systems analysis of selected federal, city, and community attempts to respond to urban problems. Extensive field work in urban programs and projects in Boston. Prerequisite: 102, 220 and one additional Grade II unit.

MR. DIMIERI

323 (1) Seminar. Deviance 1

Topic for 1972-73: Views of deviance in contemporary sociological literature. Prerequisite: same as for 300.

MR. STOODLEY

332 (1) Seminar. Urban Anthropology 1

Crosscultural and anthropological examination of cities in predominantly peasant societies, with particular emphasis on the Andean region. Prerequisite: same as for 301.

MR. MANGIN

349 (1) Seminar. Strategies of Social Change in Contemporary America 1

Topic for 1972-73: Focus on several strategies of direct action. Theories of nonviolence and violence in the writings of such thinkers as Martin Luther King, Jr. and Franz Fanon. These will be evaluated in the light of recent American experiences. Students will work individually or in groups to evaluate a specific strategy or case of direct action. Prerequisite: same as for 300.

MRS. MUELLER

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to juniors and seniors.

370 (1-2) Honors Program 2 to 4

Required of all honors candidates in the department.

Directions for Election

Majors in sociology are required to include in their program 102, 201, and 300. Students planning graduate work in the field are advised to include 202.

Majors in anthropology are required to include in their program 104, 301 and at least one appropriate intermediate level course.

SPANISH

PROFESSOR: Ruiz-de-Conde, Lovett (Chairman)
ASSISTANT PROFESSOR: Gostautas
INSTRUCTOR: Sanson³

Courses of the department are normally conducted in Spanish; oral expression is stressed.

The department reserves the right to place new students in the courses for which they seem best prepared regardless of the number of units they have offered for admission.

Qualified students may be recommended to spend the junior year in a Spanish-speaking country. See p. 57.

100 (1-2) Elementary Spanish

2

Grammar, reading, composition, dictation, practical conversation on everyday life; short lectures in Spanish. Stress on the intensive oral approach. Three periods. Open to students who do not present Spanish for admission.

THE STAFF



102 (1-2) Intermediate Spanish 2

Review of grammar and related language skills with intensive oral-aural practice, readings from contemporary Hispano-American authors with emphasis on vocabulary building, oral and written expression. Three periods. Prerequisite: two admission units in Spanish or 100.

THE STAFF

104 (1) Representative Modern Authors 1

Analysis of selected prose works from *La Generación del '98* on. Authors studied include Unamuno, Valle-Inclán, Benavente, Baroja, Ortega, and García Lorca. Constant practice in writing and speaking. Three periods. Prerequisite: three admission units or permission of the instructor.

MR. LOVETT

201 (1) (2) Oral and Written Communication 1

Practice in conversation and writing to increase fluency and accuracy in the use of idiomatic Spanish. Prerequisite: 102 or 104 or four admission units.

MR. LOVETT, MR. GOSTAUTAS

202 (2)* Hispano-American Literature I 1

Critical and aesthetic problems in the field of fiction as seen through the works of Isaacs, Sarmiento, Quiroga, Güiraldes, Azuela, García Márquez, et al. Prerequisite: same as for 201.

MR. GOSTAUTAS

203 (1)* Modern Spanish Literature: Poetry and the Theatre 1

From *La Generación del '98* to the Spanish Civil War. Authors include Unamuno, Antonio Machado, and García Lorca. Prerequisite: same as for 201.

MR. GOSTAUTAS

204 (1)* Post-Civil War Spanish Literature 1

From post-civil war literature to today. Authors studied include Cela, Goytisolo, Sánchez Ferlosio, Miguel Hernández, and Blas de Otero. Prerequisite: same as for 201. **NOT OFFERED IN 1972-73.**

MR. GOSTAUTAS

205 (2)* Hispano-American Literature II 1

A selection of such outstanding Latin American essayists, poets, and playwrights as El Inca Garcilaso, Sor Juana Inés de la Cruz, Neruda, Lugones, Rubén Darío, Martínez Estrada, Usigli, et al. Prerequisite: same as for 201. **NOT OFFERED IN 1972-73.**

MR. GOSTAUTAS

206 (2) Landmarks of Spanish Literature 1

Intensive study of masterpieces and authors chosen from significant periods: *Poema del Cid*, *La Celestina*; Garcilaso, Fray Luis de León, Cervantes, Lope de Vega, Calderón, Moratín and Bécquer. Prerequisite: same as for 201.

MRS. RUIZ-DE-CONDE

207 (2) The Birth of Modern Spain 1

The growth of the 19th century Spanish bourgeoisie and the struggle between liberalism and tradition as seen in Larra's writings and Galdós' novels. Prerequisite: same as for 201.

MR. LOVETT

228 (2) Contemporary Latin American Fiction in Translation 1

For description and prerequisite see Extradepartmental 228. **NOT OFFERED IN 1972-73.**

300 (2) Oral and Written Communication 1

Same course as 201. Joint class meetings for 201 and 300. Supplementary assignments and conferences for Grade III students. Not open to students who have taken 201. Prerequisite: two Grade II units.

MR. LOVETT

301 (1)* Drama of the Seventeenth Century 1

The characteristics of the Spanish drama of the Golden Age. Analysis of ideals of this period as revealed in the drama. Representative masterpieces of Lope de Vega, Castro, Alarcón, Tirso de Molina, Calderón. Open to juniors and seniors who have taken two Grade II units including one unit in literature. **NOT OFFERED IN 1972-73.**

MR. LOVETT

302 (1)* Cervantes

1

Study of Cervantes and his work, representing the culmination of the novel in Spain. Reading of *Novelas Ejemplares*; analysis and discussion of *Don Quijote*. Prerequisite: same as for 301.

MRS. RUIZ-DE-CONDE

306 (2)* Modern Hispano-American Literature I

1

Study of the main literary currents in Mexico; analysis of present-day trends in prose and poetry: Rulfo, Fuentes, Reyes, Vasconcelos, Octavio Paz, et al. Prerequisite: same as for 301. **NOT OFFERED IN 1972-73.**

MR. GOSTAUTAS



307 (2)* Modern Hispano-American Literature II 1

Analysis of present-day trends in prose and poetry: Borges, Mallea, Gabriela Mistral, Vallejo, Mariátegui, Gallegos, Carpentier, Cortázar, et al. Prerequisite: same as for 301.

MR. GOSTAUTAS

310 (1)* Seminar 1

Topic for 1972-73: Spanish romanticism. The nature of the Spanish romantic movement is explored through a study of its historical and intellectual background and through the analysis of some key works such as Rivas' *Don Alvaro o la fuerza del sino*, Zorrilla's *Leyendas*, Espronceda's *El estudiante de Salamanca*, and Bécquer's, *Rimas*. Prerequisite: 203 and 204, or 206, or permission of the instructor.

MR. LOVETT

311 (2)* Seminar. Spanish Poetry 1

Topic for 1973-74: To be announced. Prerequisite: same as for 310. **NOT OFFERED IN 1972-73.**

MRS. RUIZ-DE-CONDE

350 (1) (2) Research or Individual Study 1 or 2

Open by permission or to seniors who have taken two Grade III units in the department.

370 (1-2) Honors Program 2 to 4

Required of all honors candidates in the department.

Directions for Election

Course 100 counts toward the degree but does not count toward the major.

Students who begin with 100 in college and who wish to major should consult the chairman in the second semester of their freshman year.

Students may choose to major either in Peninsular or Latin American literature. The Peninsular major should ordinarily include 201, 206, 301, 302, and two additional units of Grade III literature in Spanish; the Latin American major should include 201, 205, 306, 307, and two additional units of Grade III literature in Spanish. History 260 is recommended for the Latin American major. Extradepartmental 330 and 331 are recommended for both majors.

THEATRE STUDIES

LECTURER: Barstow^{a2} (Chairman), Propper³

203 (2) Plays, Production, and Performance 1

The produced play considered as originally the creation of the dramatist but brought to completion in performance through the creative collaboration of producers, directors, designers, and actors. Open to all students.

MR. PROPPER

207 (1)* Early Modern Theatre 1

Ibsen, Strindberg, and Chekhov, and their forerunners and immediate successors; particular attention paid to theatrical conditions, producers, designers, and actors associated with stage production of the plays studied. Prerequisite: 203 or permission of the instructor. Open to juniors and seniors without prerequisite. **NOT OFFERED IN 1972-73.**

MR. BARSTOW

208 (2)* Contemporary Theatre 1

Mid-20th century dramatists and production styles; plays, producers, designers, and actors significant in the development of contemporary theatre. Prerequisite: same as for 207. **NOT OFFERED IN 1972-73.**

MR. BARSTOW



210 (1-2)* History of the Theatre 1 or 2

Study of theatre structures, crafts, and practices with emphasis on acting and production styles as these relate to major developments in dramatic literature. One unit of credit may be given for either semester by permission of the instructor. Prerequisite: same as for 207.

MR. BARSTOW, MR. PROPPER

215 (1)* Shakespeare in the Theatre 1

Study of production of Shakespeare's plays in the theatre; particular attention to Elizabethan stagecraft and to contemporary production styles; emphasis on acting and directing. Reports, and scenes performed for class criticism. Prerequisite: 203, and English 215 or 305, or permission of the instructor.

MR. BARSTOW

350 (1) (2) Research or Individual Study 1 or 2

Open by permission to qualified students.

Directions for Election

A student who wishes to pursue an interest in theatre should consult the chairman of theatre studies about course selection which will emphasize dramatic literature in English and foreign languages together with the history and philosophy of art and music.

A student who is interested in an individual major in theatre studies should consult p. 232.

EXTRADEPARTMENTAL COURSES

** = Course may be elected to fulfill in part the distribution requirement in Group A

*** = Either 218 or 219 fulfills in part the distribution requirement in Group C

The following section includes several separate courses of interest to students in various disciplines.

101 (1) Greek Literature in Translation 1**

For description and prerequisite see Greek 101.

104 (2) Classical Mythology 1**

For description and prerequisite see Greek 104. **NOT OFFERED IN 1972-73.**

105 (1) Introduction to Historical Linguistics 1

The methods of linguistic reconstruction and the principles of language history; the development of both form and meaning in language, with examples from various Indo-European families, including Romance. Open to all students with knowledge of one ancient or modern Indo-European language other than English.

MR. FRAME

108 (2) Interpretations of Man in Western Literature 1**

Representative views of the nature of man reflected in a selection of major works of European literature. The readings, chosen to emphasize the classical heritage, will include works of Vergil, Augustine, Dante, Machiavelli, Montaigne, Milton, Goethe, and Eliot. Open to all students.

MR. LAYMAN

110 (1) (2) Introduction to Automatic Computation 1

Modeling of computational processes as sequential algorithms. Formal and informal techniques for the representation of these algorithms and their implementation on digital computers. Experience in programming and running of elementary problems in an algebraic and an assembler language. Open to all students.

MR. SHRIER

201 (1) Russian Literature in Translation I 1**

For description and prerequisite see Russian 201.

202 (2) Russian Literature in Translation II 1**

For description and prerequisite see Russian 202.

204 (1) Afro-American History 1

The course emphasizes the historical evolution of Black cultural, social, religious, economic, and political institutions in the United States. An endeavor will be made to read Afro-American history from a Black perspective – from within Black America rather than from without. Open to all students.

MR. SCOTT

205 (2) Introduction to the Black Experience 1

The African background of Black Americans; the evolution of the institution of slavery in the New World; the Black presence in, and significance to, the development of American society since the Civil War. Open to freshmen and sophomores without prerequisite and to upperclassmen by permission of the instructor.

MR. SCOTT

210 (2) Contemporary Women: An Interdisciplinary Perspective 1

The course will draw on several disciplines to aid students in orienting their thinking about the nature of women and their actual and possible positions in modern society. Lectures by Wellesley faculty members and others with special expertise in biology, economics, history, philosophy, political science, psychology, sociology will contribute insights toward a better understanding of contemporary women. In addition to lectures, the course will include weekly discussion sections. Open to all students with preference given to sophomores, juniors, and seniors.

MISS MAGID

216 (1) Applications of Mathematics in the Physical Sciences I 1

Applications of calculus. Functions of several variables. Partial differentiation and multiple integration. Introduction to matrix algebra and vector analysis. Two periods weekly with a third period every other week. Prerequisite: Mathematics 111 or the equivalent.

MISS DODSWORTH

217 (2) Applications of Mathematics in the Physical Sciences II 1

Vector analysis. Differential equations arising in the sciences. Eigenvalue problems. Introduction to probability and statistics. Two periods weekly with a third period every other week. Prerequisite: Extradepartmental 216 or, by permission of the instructor, Mathematics 208 or the equivalent.

MISS HICKS

218 (1)* History of Science I 1**

The Newtonian world view. What was it? How did it come to be? What has it meant? The emergence of some fundamental concepts about the structure of the universe with emphasis on the contributions of Ptolemy, Copernicus, Galileo, and Newton and the effect of the New Philosophy of the 17th century on the social and intellectual climate of the times. Two periods weekly and a one and one-half hour laboratory-discussion session

every other week. Open to students who have completed one unit of laboratory science and one unit of history or philosophy.

MISS WEBSTER

219 (2)* History of Science II 1**

Topic for 1972-73: Stability and change as central themes in scientific thought in the 19th century, with emphasis on the contributions of Darwin and Mendel. Two periods weekly and a one and one-half hour laboratory-discussion session every other week. Prerequisite: same as for 218.

MISS WEBSTER

221 (2) Political and Social Influences on Twentieth Century German Literature 1**

Studies of the works of some East and West German writers such as Biermann, Hacks, Hochhuth, and Grass. Open to sophomores, juniors, and seniors by permission of the instructor. **NOT OFFERED IN 1972-73.**

MISS WARD

222 (2) French Fiction in Translation I: The Psychological Novel 1**

Techniques of psychological analysis and their relation to aesthetics in works by Constant, Stendhal, Flaubert, Duras, and Robbe-Grillet, with emphasis on Proust's *Remembrance of Things Past*. Open to students who have not fulfilled the language requirement through examinations or courses in French.

MISS MISTACCO

223 (2) French Fiction in Translation II a: Experiments in the Novel 1**

Innovative forms, techniques, and theories of narration in works by Rabelais, Laclos, Diderot, Flaubert, Gide, Queneau, Robbe-Grillet. Prerequisite: same as for 222. **NOT OFFERED IN 1972-73.**

MISS MISTACCO

224 (1) French Fiction in Translation II b: Novels of Social Commitment 1**

The expression of social consciousness in works by Zola, Aragon, Céline, Malraux, Sartre, Camus, Mongo Beti, Yambo Ouologuem. Prerequisite: same as for 222.

MISS COQUILLAT



228 (2) Contemporary Latin American
Fiction in Translation**

1

Aesthetic and political problems of the committed novel of Latin America, as seen in the works of Asturias, Cortázar, García Márquez, Vargas Llosa, Fuentes, Carpentier, Rulfo, and Guimarães Rosa. Open to sophomores by permission of the instructor and to juniors and seniors without prerequisite. Not open to students who have taken Spanish 306 or 307. **NOT OFFERED IN 1972-73**

MR. GOSTAUTAS

**230 (1) (2) Seminar. Computer Application
Development**

1

Students will work cooperatively in assessing the need for, and implementing, computer programs of general utility in one or two application areas chosen by the group.

Possible areas include statistical manipulation, calculus illustration, algebraic manipulation, biological simulation. Prerequisite: 110 or reasonable familiarity with an algebraic programming language.

MR. SHRIER

231 (2) Interpretation and Judgment of Films 1

Close analysis of masterpieces of film art, drawn from the work of such directors as Eisenstein, Chaplin, Keaton, Dreyer, Renoir, Clair, Welles, Bergman, Fellini, Godard, and Antonioni. Many short written assignments. Frequent screenings in the early part of the week of the film under discussion; students are required to see each film at least twice. Discussion groups, limited to 20 students. Open to all students.

MR. GARIS, MRS. GOLD

330 (1) The English and French Novel in the Nineteenth Century 1**

A study of similarities, differences, and crosscurrents in the development of French and English fiction in the 19th century. Emphasis on major novelists: Austen, Eliot, James; Balzac, Flaubert, Proust. A reading knowledge of French is required and at least one previous course in the novel is strongly recommended.

MRS. SABIN

331 (2) Seminar. The Theatre Since 1945 1**

Comparative study of contemporary drama, its artistic traditions and social significance, with emphasis on the works of Beckett, Brecht, and the new American playwrights. Prerequisite: same as for 330. **NOT OFFERED IN 1972-73.**

MR. STAMBOLIAN

332 (2) Images of Man and Nature 1

Reflections in the poetry and prose of William Blake and William Wordsworth of the ideas of Newton and Locke about man and man's place in nature as interpreted in 18th century writings. Open to juniors and seniors who have taken or are taking two Grade II units in English literature and to other qualified students by permission of the instructors.

MISS PRETTYMAN AND MISS WEBSTER

INTERDEPARTMENTAL MAJORS

The College offers three established interdepartmental major programs: Black studies, classical and Near Eastern archaeology, molecular biology. In addition, a student may design an individual major. Some representative individual majors and courses available for them are included in this section.

BLACK STUDIES

DIRECTOR: Scott

A major in Black studies provides opportunities for an interdepartmental study of the Black experience in Africa, the Caribbean, and especially in the United States. The program is presented within a context relevant to the development of the Afro-American community, and to the creation of a humanitarian American society at large.

Strong emphasis is placed upon work in a specific concentration in order to provide the students with a sound disciplinary background, and to equip them for graduate school, professional training, or employment in areas related to the Black experience.



In addition to formal course work, the program is comprised of special events—lectures, concerts, conferences, festivals—and of a field studies program that provides students with work experience in neighboring Black communities.

The following courses are available in 1972-73 for majors in Black studies:

Art 226 (1)

History of Afro-American Art

Education 206 (1)

Sociology of Education

English 228 (2)

Black Literature in America

Extrdepartmental 204 (1)

Afro-American History

Extrdepartmental 205 (2)

Introduction to the Black Experience

French 218 (1)

Black Literature in French

History 250 (1)

The First Frontier

History 251 (2)

The Making of a Nation, 1763 to 1850

History 252 (1)

The United States, 1850 to 1917

History 253 (1) (2)

The United States, 1917 to the Present

History 254 (1)

United States Urban History

History 267 (1)

History of West Africa

History 268 (2)

History of East and Central Africa

History 315 (1)

Social History of Black Americans, 1820 to 1919

History 340 (2)

Seminar. Afro-American History

History 342 (1)

Seminar. African History

Music 106 (2)

Afro-American Music



Political Science 204 (1)

Comparative Politics of the Developing Areas

Political Science 212 (1) (2)

Urban Politics

Religion and Biblical Studies 228 (2)

Black Religion and Social Protest

Sociology 204 (1)

Societies and Cultures of Africa

Sociology 209 (1)

Social Stratification and Power

Sociology 210 (2)

Racial and Ethnic Minorities

Sociology 220 (1) (2)

Urban Society

Sociology 320 (2)

Urban Social Systems

Sociology 349 (2)

Seminar. Strategies of Social Change in Contemporary America

CLASSICAL AND NEAR EASTERN ARCHAEOLOGY

DIRECTOR: Marvin

The purpose of a major in classical and Near Eastern archaeology is to acquaint the student with the complex societies of the Old World in antiquity.

Students who major in archaeology may choose Greece, Rome, or the ancient Near East as a principal area of interest. Students who concentrate in classical archaeology must normally have at least an elementary knowledge of both Greek and Latin, and an advanced knowledge of the literature of that country (Greece or Rome) which is their special area of concern. Students who concentrate on the ancient Near East must have knowledge of one ancient Near Eastern language.

The program for each student will be planned individually from courses in the departments of art, Greek, history, Latin, philosophy, religion and biblical studies, and sociology and anthropology, as well as from the architecture and anthropology programs at MIT. Certain courses in statistical methods and geology are also very useful.

Students should plan for at least one summer of excavation and travel, and are expected to complete units of independent study as well as regular course offerings.

Because the requirements for this major are somewhat complex, students are urged to declare an interest early so that a comfortable program can be devised for each student.

MOLECULAR BIOLOGY

DIRECTOR: Hicks

The departments of biological sciences and chemistry offer an interdepartmental major in molecular biology which gives opportunity for advanced study of the chemistry of biological systems.

In addition to one or two units of biochemistry ([322], [323], 324, 325), the area of concentration consists of five units of chemistry (202 and 301 or 203 and 300), five units of biology (two Grade III units), Physics 100, 103, or 105, and Mathematics 111, or the equivalent. Students who exempt any Grade I units may substitute further units in biology, chemistry, mathematics, or physics.

INDIVIDUAL MAJORS

Students who are interested may design an individual major, in consultation with two faculty advisors. The program for the individual major is subject to the approval of the Committee on Curriculum and Instruction. In setting up guidelines for the individual major, the committee hopes to extend the possibility for a major which crosses traditional departmental lines to those students who could most profit from such a major and to assure suitable guidance to the student in selecting appropriate courses for the major. The program for the individual major should include four units in one department above the Grade I level.

The following majors and suggested courses are representative of the more established programs.

Asian Studies

Students interested in graduate work and a career in Chinese studies should take extensive Chinese language work; students interested in a broader range of courses on Asia may take a minimum of Chinese language work or none.

The following courses are available in 1972-73 for majors in Asian studies:

Art 248 (1)

Chinese Art

Chinese 100 (1-2)

Elementary Chinese

Chinese 200 (1-2)

Intermediate Chinese

Chinese 250 (1)

Readings in Modern Style Writings

Chinese 251 (2)

Topics in Chinese Culture of Today

Chinese 300 (2)

Readings in Contemporary Chinese Literature

Chinese 310 (1)

Introduction to Literary Chinese

Chinese 311 (2)

Readings in Elementary Classical Chinese

History 275 (1)

Pre-Modern Chinese History

History 276 (2)

Modern Chinese History

History 346 (2)

Seminar. Chinese History II

Political Science 300 (2)

Politics of South and East Asia

Religion and Biblical Studies 251 (1)

Hinduism and the Religions of India

Religion and Biblical Studies 305 (1)

Seminar. History of Religions



Classical Civilization

Students who wish a classical civilization major can plan with the department of Greek and Latin an appropriate sequence of courses, which should include work in art, history, and literature. Such a program should always contain at least four units in the original language. Basic knowledge of French or German is recommended.

The following courses are available in 1972-73 for majors in classical civilization:

Art 100 (1-2)

Introductory Course

Art 200 (1)

Classical Art

Greek 101 (1)

Greek Literature in Translation

History 150 (1)a

The Role of Women in Ancient Greece

Religion and Biblical Studies 104 (1) (2)

Studies in the Old Testament

Religion and Biblical Studies 105 (1) (2)

The Person and Message of Jesus

Religion and Biblical Studies 204 (1)

Christian Beginnings in the Hellenistic World

Religion and Biblical Studies 306 (2)

The Prophet in Biblical Israel

Religion and Biblical Studies 307 (2)

Seminar. The New Testament

Latin American Studies

The following courses are available in 1972-73 for majors in Latin American studies:

History 260 (1)

The Hispanic World

Spanish 201 (1) (2)

Oral and Written Communication

Spanish 202 (2)

Hispano-American Literature I

Spanish 307 (2)

Modern Hispano-American Literature II



United States Studies

DIRECTOR: Stratton

The following courses are available in 1972-73 for majors in United States studies:

Art 225 (2)

American Art

Art 226 (1)

Afro-American Art

Economics 205 (1)

The Corporation

Economics 305 (2)

Industrial Organization

Economics 307 (1)

Consumption and Marketing

Economics 310 (2)

Public Finance

Education 206 (1)

Sociology of Education

English 223 (1)

American Literature I

English 224 (2)

American Literature II

English 225 (1) (2)

American Literature III

English 228 (2)

Black Literature in America

English 317 (1)

American Literature IV

History 102 (1)
Approaches to the History of American Society

History 150 (2)b
The Immigrant in America: *E Pluribus Unum?*

History 250 (1)
The First Frontier

History 251 (2)
The Making of a Nation, 1763 to 1850

History 252 (1)
The United States, 1850 to 1917

History 253 (1) (2)
The United States, 1917 to the Present

History 254 (1)
United States Urban History

History 310 (1-2)
Social History of the United States

History 312 (2)
Civil Liberties in the United States

History 315 (1)
Social History of Black Americans, 1820 to 1919

History 336 (2)
Seminar. American Urban History

History 337 (1)
Seminar. American History I

History 338 (2)
Seminar. American History II

History 340 (2)
Seminar. Afro-American History

Political Science 210 (1) (2)
American Political Parties and Interest Groups

Political Science 211 (1) (2)
Policy-Making in the Federal Government

Political Science 212 (1) (2)
Urban Politics

Political Science 310 (1)
Political Decision-Making in the United States

Political Science 311 (2)
Seminar. Politics of Environmental Control

Political Science 321 (2)
The United States in World Politics

Political Science 332 (2)

The Supreme Court in American Politics

Political Science 340 (1)

American Political Thought

Religion and Biblical Studies 218 (2)

Religion in America

Religion and Biblical Studies 228 (1)

Black Religion and Social Protest

Sociology 209 (1)

Social Stratification and Power

Sociology 210 (1) (2)

Racial and Ethnic Minorities

Sociology 220 (1) (2)

Urban Society

Sociology 235 (2)

Public Opinion and Mass Media of Communication

Sociology 320 (2)

Urban Social Systems

Sociology 349 (2)

Seminar. Strategies of Social Change in Contemporary America

Urban Studies

The following courses are available in 1972-73 for majors in urban studies:

Economics 249 (2)

Seminar. The Economics of Environmental Disruption

Education 206 (1)

Sociology of Education

History 252 (1)

The United States, 1850 to 1917

History 253 (1) (2)

The United States, 1917 to the Present

History 254 (1)

United States Urban History

History 336 (2)

Seminar. American Urban History

Political Science 212 (1) (2)

Urban Politics

Political Science 311 (2)

Seminar. Politics of Environmental Control

Sociology 220 (1) (2)

Urban Society

Sociology 320 (2)

Urban Social Systems

Sociology 349 (2)

Seminar. Strategies of Social Change in Contemporary America

Theatre Studies

The individual major in theatre studies offers opportunity for study of the theatre through its history, literature, criticism, and related arts and through the disciplines of its practitioners: playwrights, directors, designers, actors, and producers.

The student's program in the major may be adapted to individual interests. Focus may be on the theatre and a national dramatic literature, on the theatre and related arts, or, within the general demands of the curriculum, a variety of emphases may be evolved, including work in such areas as philosophy, history, psychology, sociology, and religion.

At least four units above the Grade I level normally should be elected in a literature department (English, French, German, Greek and Latin, Italian, Russian, or Spanish), with emphasis on dramatic literature. At least two units above the Grade I level normally should be elected in art or music. Two of the six units thus specified (or their equivalents) must be at the Grade III level.

Students electing to design a major in theatre studies normally will take at least one resident semester of concentrated work in the discipline either with the National Theatre Institute at the Eugene O'Neill Memorial Theater Center in Waterford, Connecticut, or at another institution in the Twelve College Exchange Program, to supplement and enrich their work at Wellesley.

Since developments in the theatre arts are the results of stage experiments and because the theatre performance is an expression of theatre scholarship, it is expected that theatre studies majors will elect to complement formal study of theatre history and theory with practical experience in the extracurricular production program of the Wellesley College Theatre.

In addition to the offerings of the theatre studies department, the following courses, available in 1972-73, are specifically relevant to the individual major in theatre studies:

English 212 (1) (2)

Modern Drama

English 215 (1) (2)

Shakespeare

English 233 (1)

English Tragic and Heroic Drama

English 305 (1)

Advanced Studies in Shakespeare I

English 306 (2)

Advanced Studies in Shakespeare II

English 322 (2)

Seminar. Shakespeare and His Critics

Extrdepartmental 108 (2)

Interpretations of Man in Western Literature

Extrdepartmental 231 (2)

Interpretation and Judgment of Films

French 213 (1) (2)

French Drama in the Twentieth Century

Greek 101 (1)

Greek Literature in Translation

Greek 203 (2)

Greek Drama in Translation

Greek 302 (1)

Aeschylus and Sophocles

History 235 (1)

Classical and Medieval Intellectual History

History 236 (2)

Modern European Intellectual History

Italian 302 (1)

The Theatre in Italy

Music 200 (1-2)

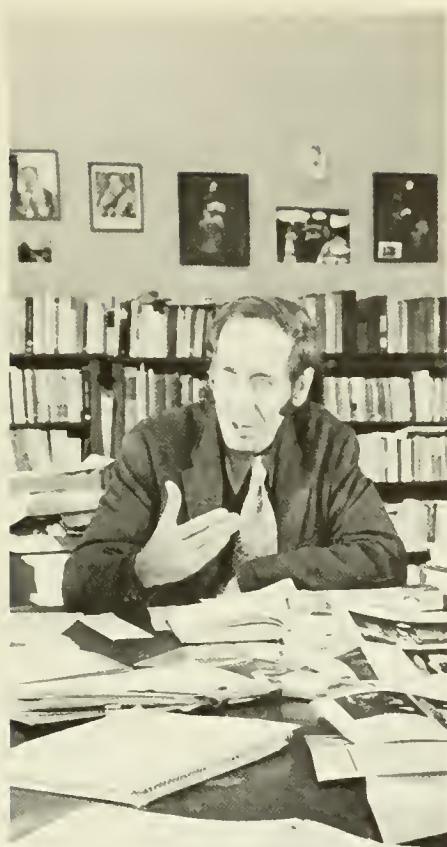
Design in Music

Philosophy 203 (1)

Philosophy of Art

Religion and Biblical Studies 311 (1) (2)

Theology and Its Expression in Literature



FRESHMAN-SOPHOMORE COLLOQUIA

The colloquia are designed for freshmen and sophomores who are interested in concentrated study of a significant well-defined topic. They offer students the opportunity to work in small groups in close association with faculty members. Most are open without prerequisite although a few presuppose some earlier study of the field either in secondary school or in a college course. They are similar to seminars in method and approach in that they stress independent work, discussion, and student reports.

Each colloquium counts as a one unit course. Each may be elected to satisfy in part one of the distribution requirements. Since enrollments are limited, students ordinarily may not enroll in more than one colloquium. They may, however, apply for more than one, indicating their first and second choices.

Incoming freshmen may obtain application forms from the class dean, sophomores from the department chairman. If a colloquium is oversubscribed the chairman or instructor, in consultation with the class dean, will decide which applicants will be accepted.



Topics for 1972-73

Topics for 1972-73 are listed below. More complete descriptions of colloquia are given in departmental course offerings.

English 150 (1) (2)

- (1) a. Poetry and revolution
b. Evaluation of literature
- (2) a. Women writers and women's problems
b. Faulkner

History 150 (1) (2)

- (1) a. The role of women in ancient Greece
b. Medieval heroes and society
c. The peasant as myth and fact
- (2) a. Class struggles in France: Karl Marx and the Revolution of 1848
b. The immigrant in America: *E Pluribus Unum?*

Philosophy 150 (1)

- (1) The views of Hobbes, Locke, Rousseau, Mill, and Lenin



College Directory



OFFICERS OF INSTRUCTION

Professors Emeriti

Laetitia Morris Snow Ph.D.
Professor of Botany

Katy Boyd George M.A.
Associate Professor of Biblical History

Helen Somersby French Ph.D.
Professor of Chemistry

Ola Elizabeth Winslow Ph.D.
Professor of English

Ruth Elvira Clark Litt.D.
Professor of French

Thomas Hayes Procter Ph.D.
Professor of Philosophy

Mary Bosworth Treudley Ph.D.
Professor of Sociology

Grace Elizabeth Howard Ph.D.
Associate Professor of Botany

Louise Pettibone Smith Ph.D.
Professor of Biblical History

Marianne Thalmann Ph.D.
Professor of German

Jeanette Barry Lane Ph.B.
Associate Professor of Speech

Lucy Wilson Ph.D.
Professor of Physics and Dean of Students

Ruth Elliott Ph.D.
Professor of Hygiene and Physical Education

Anita Oyarzabal M.A.
Associate Professor of Spanish

Edna Heidbreder Ph.D.
Professor of Psychology

Ada May Coe M.A.
Professor of Spanish

Evelyn Kendrick Wells M.A.
Professor of English

Leland Hamilton Jenks Ph.D.
Professor of Sociology

Louise Overacker Ph.D.
Professor of Political Science

Jorge Guillén
Catedrático de Universidad
Professor of Spanish

Waclaw Jedrzejewicz
Associate Professor of Russian

Mary Eleanor Prentiss M.A.
Associate Professor of English

Katharine Canby Balderston Ph.D.
Professor of English

Marion Elizabeth Stark Ph.D.
Professor of Mathematics

Helen Thayer Jones Ph.D.
Professor of Chemistry

Harriet Cutler Waterman Ph.D.
Professor of Zoology

Ella Keats Whiting Ph.D.
Professor of English and Dean

Mary Lellah Austin Ph.D.
Professor of Zoology

Grace Ethel Hawk B.Litt. (Oxon.)
Professor of English

Elizabeth Beall Ph.D.
Associate Professor of Physical Education

Lucy Winsor Killough Ph.D.
Professor of Economics

Magdalene Schindelin Ph.D.
Associate Professor of German

Howard Hinners B.A.
Professor of Music

Gladys Kathryn McCosh Ph.D.
Professor of Zoology

Dorothy Mae Robathan Ph.D.
Professor of Latin

Agnes Anne Abbot
Professor of Art

Elizabeth Louise Broyles M.D.
Resident Physician

Eva Elizabeth Jones Ph.D.
Professor of Zoology

Edith Brandt Mallory Ph.D.
Professor of Psychology

Evelyn Faye Wilson Ph.D.
Professor of History

Teresa Grace Frisch Ph.D.
Professor of Art and Dean of Students

Dorothy Heyworth Ph.D.
Professor of Physics

Margaret Elizabeth Taylor Ph.D.
Professor of Latin

Concha Breton Doctora en Letras
Associate Professor of Spanish

John McAndrew M.Arch.
Professor of Art

Barbara Salditt Ph.D.
Associate Professor of German

Louise Palmer Wilson Ph.D.
Professor of Biology

Eleanor Milton Tenney B.A.
Director of Residence

Walter Edwards Houghton Ph.D.
Professor of English

Barbara Philippa McCarthy Ph.D.
Professor of Greek

Mary Ruth Michael Ph.D.
Professor of English

Ernest René Lacheman Ph.D.
Professor of Religion and Biblical Studies

Sylvia Leah Berkman Ph.D.
Professor of English

Herbert Morrison Gale Ph.D.
Professor of Religion and Biblical Studies

Delaphine Grace Rosa Wyckoff Ph.D.
Professor of Bacteriology

Hannah Dustin French M.S.
Research Librarian, Special Collections

Officers of Instruction

As of May 1972

Stephen M. Adler B.S., M.S., Ph.D., University of Michigan
Assistant Professor of Astronomy

Mary A. Mennes Allen B.S., M.S., University of Wisconsin; Ph.D., University of California (Berkeley)
Assistant Professor of Biological Sciences

Thelma Gorfinkle Alper B.A., M.A., Wellesley College; Ph.D., Radcliffe College

Helen J. Sanborn Professor of Psychology

Lilian Armstrong Anderson B.A., Wellesley College; A.M., Radcliffe College; Ph.D., Columbia University

Associate Professor of Art

Harold E. Andrews III B.A., College of Wooster; M.S., University of Missouri; Ph.D., Harvard University

Assistant Professor of Geology

Jerold S. Auerbach B.A., Oberlin College; M.A., Ph.D., Columbia University

Associate Professor of History

Grazia Avitabile B.A., M.A., Smith College; Ph.D., Bryn Mawr College

Professor of Italian

Victor Baras B.A., Cornell University

Instructor in Political Science

Suzanne W. Barnett B.A., Muskingum College; A.M., Harvard University

Instructor in History

Evelyn Claire Barry A.B., A.M., Radcliffe College

Assistant Professor of Music

Paul Rogers Barstow^{a2} B.A., Williams College; M.F.A., Yale University

Lecturer in Theatre Studies

Director of the Wellesley College Theatre

Ann Streeter Batchelder B.A., Wheaton College; M.Ed., Framingham State College

Instructor in Physical Education

Carolyn Shaw Bell B.A., Mount Holyoke College; Ph.D., London University

Katharine Coman Professor of Economics

Miriam Haskell Berlin³ B.A., Smith College; A.M., Ph.D., Radcliffe College

Lecturer in History

Richard M. Bernstein B.A., Brown University; M.A., Ph.D., Princeton University

Assistant Professor of History

Philip A. Bertocci B.A., Wesleyan University; M.A., Ph.D., Yale University

Assistant Professor of History

Philip C. Bibb^a B.A., Hanover College; Ph.D., Indiana University

Assistant Professor of Biological Sciences

Frank Bidart³ B.A., University of California (Riverside); A.M., Harvard University

Lecturer in English

D. Scott Birney B.S., Yale College; M.A., Ph.D., Georgetown University

Associate Professor of Astronomy

Elizabeth Stanton Blake B.A., Barnard College; M.A., Middlebury College; Ph.D., Columbia University

Assistant Professor of French

George C. Bland, Jr. B.A., Dartmouth College; M.A., University of California (Berkeley)

Instructor in English

Robert George Blumenthal B.S., Brooklyn College; M.A., Ph.D., Yale University

Assistant Professor of Mathematics

Deborah Dickmann Boedeker³ B.A., Wellesley College; M.A., St. Louis University

Instructor in Greek and Latin

Ella P. Bones^a B.A., Cornell University; A.M., Radcliffe College; Ph.D., Harvard University

Associate Professor of Russian

Mary Ewen Bradley B.A., M.A., Colby College; Ed.D., Harvard University

Associate Professor of Education

Valerie L. Brewer B.A., Wellesley College

Teaching Assistant in Psychology

Judith Claire Brown^a B.A., Rice University; Ph.D., University of California (Berkeley)

Associate Professor of Physics

Sylvia Grace Brown B.A., Vassar College; M.A., University of Michigan

Instructor in Greek and Latin

Diana Lewis Burgin B.A., Swarthmore College; A.M., Harvard University
Instructor in Russian

Judith W. Burling B.A., University of Iowa; M.S., Smith College
Instructor in Physical Education

Stanford Calderwood³ B.A., University of Colorado
Lecturer in Economics

Stephen J. Cavrak, Jr. A.B., University of California (Berkeley); A.M., Ph.D., Harvard University
Assistant Professor of Physics

Maud H. Chaplin B.A., Wellesley College; M.A., Ph.D., Brandeis University
Assistant Professor of History
Dean of Studies
Dean of Class of 1973

Anne de Coursey Clapp B.A., Smith College; M.F.A., Yale University; A.M., Ph.D. Harvard University
Assistant Professor of Art

Richard Vernon Clemence Ph.B., M.A., Brown University; A.M., Ph.D., Harvard University
A. Barton Hepburn Professor of Economics

Blythe McVicker Clinchy B.A., Smith College; M.A., New School for Social Research
Instructor in Psychology

Barbara J. Cochran^a B.S., M.Ed., Pennsylvania State University
Assistant Professor of Physical Education

Paul Andrew Cohen^a B.A., University of Chicago; A.M., Ph.D., Harvard University
Edith Stix Wasserman Professor of Asian Studies

Andrew L. Colb B.S., Union College; Ph.D., Northwestern University
Assistant Professor of Chemistry

Ann Congleton B.A., Wellesley College; M.A., Ph.D., Yale University
Associate Professor of Philosophy

Kathleen Neils Conzen B.A., College of St. Catherine; M.A., University of Delaware
Instructor in History

Adrienne H. Cook B.Mus., New England Conservatory of Music
Instructor in Viola da Gamba
Assistant to The Collegium Musicum

Richard M. Cook B.Mus., New England Conservatory of Music
Instructor in Trumpet and Cornetto

Michelle Coquillat Agrégée des Lettres modernes, University of Paris
Assistant Professor of French

Helen Storm Corsa B.A., Mount Holyoke College; M.A., Ph.D., Bryn Mawr College
Martha Hale Shackford Professor of English

Eugene Lionel Cox B.A., College of Wooster; Ph.D., Johns Hopkins University
Associate Professor of History

Martha Alden Craig B.A., Oberlin College; M.A., Ph.D., Yale University
Associate Professor of English

Maureen S. Crandall B.A., Smith College; M.A., Ph.D., Northwestern University
Assistant Professor of Economics

Jean Veghte Crawford^a B.A., Mount Holyoke College; M.A., Oberlin College; Ph.D., University of Illinois
Charlotte Fitch Roberts Professor of Chemistry

Harriet Baldwin Creighton B.A., Wellesley College; Ph.D., Cornell University
Ruby F. H. Farwell Professor of Botany

Ward J. Cromer B.A., Oberlin College; M.A., Ph.D., Clark University
Assistant Professor of Psychology

Fred Denbeaux B.A., Elmhurst College; B.D., S.T.M., Union Theological Seminary
Professor of Religion and Biblical Studies

Margaret A. Dermody A.B., Emmanuel College; M.A., Wellesley College

Laboratory Instructor in Biological Sciences

Ruth Deutsch A.M., Radcliffe College; M.A., Stanford University; M.A., Yale University

Lecturer in German

Sheila Kathryn Dickison B.A., University of Toronto; M.A., Ph.D., Bryn Mawr College

Assistant Professor of Greek and Latin

Louis S. Dickstein B.A., Brooklyn College; M.S., Ph.D., Yale University

Associate Professor of Psychology

Thomas J. Dimieri A.B., Fordham University; M.A., Brown University

Instructor in Sociology and Anthropology

David R. Dobbins A.B., Franklin College; M.A., Ph.D., University of Massachusetts (Amherst)

Assistant Professor of Biological Sciences

Barbara Marie Dodsworth B.S., University of Rhode Island; Ph.D., University of California (Berkeley)

Assistant Professor of Physics

Ingrid Otto Duckworth B.A., City College of New York; M.A., Columbia University; Ph.D., Boston College

Assistant Professor of German

Elinor L. Duff³ B.M., M.M., New England Conservatory of Music; A.M., Radcliffe College

Instructor in Music

Allan Wardell Eister B.A., DePauw University; M.A., American University; Ph.D., University of Wisconsin

Professor of Sociology

Dorothy Z. Eister B.A., Hood College; M.A., Mount Holyoke College

Research Assistant in Psychology

Mei-Mei Akwai Ellerman Lic. en Philosophie et Lettres, Agrégé, University of Liège; M.A., Boston University

Instructor in Italian

Jon Ellertson B.A., Stanford University

Instructor in Political Science

Alona Elizabeth Evans B.A., Ph.D., Duke University

Elizabeth Kimball Kendall Professor of Political Science

Jacqueline Pascal Evans B.A., Vassar College; A.M., Ph.D., Radcliffe College

Professor of Mathematics

Doris Holmes Eyges B.A., University of Michigan; M.A., Radcliffe College

Lecturer in English

Dean of the Class of 1974

Peter Fergusson B.A., Michigan State University; A.M., Ph.D., Harvard University

Assistant Professor of Art

David Ferry B.A., Amherst College; A.M., Ph.D., Harvard University

Sophie Chantal Hart Professor of English

Virginia Mayo Fiske B.A., M.A., Mount Holyoke College; Ph.D., Radcliffe College

Ellen A. Kendall Professor of Biological Sciences

Phyllis J. Fleming^a B.A., Hanover College; M.S., Ph.D., University of Wisconsin

Sarah Frances Whiting Professor of Physics

Mildred Margaret Fogel B.A., Syracuse University; Ph.D., University of Illinois

Assistant Professor of Biological Sciences

Elizabeth M. Fox³ A.B., Radcliffe College; M.S., Ph.D., Yale University

Assistant Professor of Psychology

Douglas Gordon Frame A.B., Ph.D., Harvard University

Assistant Professor of Greek and Latin

Carlo Roger François Lic. en Philosophie et Lettres, Agrégé, University of Liège; A.M., Ph.D., Harvard University

Professor of French

Lawrence Boyd Friedman B.A., University of Minnesota; A.M., Ph.D., Harvard University
Associate Professor of Chemistry

Winifred Herman Friedman³ B.A., Wellesley College
Instructor in Art

Elizabeth Holmes Frisch
Associate Professor of Art

Laurel W. Furumoto B.A., University of Illinois; M.A., Ohio State University; Ph.D., Harvard University
Assistant Professor of Psychology

Edmund B. Gaither³ B.A., Morehouse College; M.A., Boston University
Lecturer in Art

Rene Marie Galand^a Lic-es-Lettres, University of Rennes; Ph.D., Yale University
Professor of French

Robert Garis B.A., Muhlenberg College; A.M., Ph.D., Harvard University
Katharine Lee Bates Professor of English

Francis P. Gasparro B.S., Villanova University; Ph.D., Princeton University
Assistant Professor of Chemistry

Geraldine Florence Gauthier B.S., M.S., Massachusetts College of Pharmacy; A.M., Ph.D., Radcliffe College
Associate Professor in the Laboratory of Electron Microscopy

Katherine Allston Geffcken B.A., Agnes Scott College; M.A., Ph.D., Bryn Mawr College
Associate Professor of Greek and Latin

Meg M. Gertmenian B.A., Wellesley College; A.M., Ph.D., Harvard University
Assistant Professor of English

Klaus Goetze
Instructor in Piano

Arthur Ralph Gold B.A., Princeton University; A.M., Ph.D., Harvard University
Associate Professor of English

Marie-Helene Gold³ Dipl., Ecole Nationale des Langues Orientales
Lecturer in Extradepartmental Studies

Marshall Irwin Goldman B.S., Wharton School, University of Pennsylvania; A.M., Ph.D., Harvard University
Professor of Economics

Stasys Gostautas B.A., Fordham University; M.A., Ph.D., New York University
Assistant Professor of Spanish

Maja Julia Goth Mittellehrerdipl., Oberlehrerdipl., Ph.D., University of Basel
Professor of German

Janet Brown Guernsey B.A., Wellesley College; A.M., Radcliffe College; Ph.D., Massachusetts Institute of Technology
Louise S. McDowell Professor of Physics

Edward Vose Gulick B.A., M.A., Ph.D., Yale University
Elisabeth Hodder Professor of History

Gail B. Hall B.A., College of Wooster; Ph.D., Harvard University
Assistant Professor of Sociology and Anthropology

Jean Burch Harrison A.B., A.M., Ph.D., Radcliffe College
Associate Professor of Biological Sciences

Margaret Jean Hay B.A., Stanford University; M.A., Ph.D., University of Wisconsin
Assistant Professor of History

Earl L. Hedberg
Instructor in Viola

William A. Herrmann^a B.A., M.A., Ph.D., Columbia University
Associate Professor of Music
Director of the Choir

Nancy Hicks B.A., College of Mount St. Vincent; A.M., Radcliffe College; Ph.D., Harvard University
Assistant Professor of Physics

Sonja E. Hicks B.S., University of Maine;
Ph.D., Indiana University

Assistant Professor of Chemistry

Ann Hilferty³ B.S., Boston College; M.A., University of Michigan

Lecturer in English

Sarah Jeanette Hill B.A., Smith College;
Ph.D., Columbia University

Lewis Atterbury Stimson Professor of
Astronomy

Dorothy P. Holland A.A., Colby Junior College;
B.A., Ohio Wesleyan University

Instructor in Physical Education

Owen Hughes Jander B.A., University of Virginia;
A.M., Ph.D., Harvard University

Associate Professor of Music

Eugenia P. Janis B.A., University of Michigan;
A.M., Ph.D., Harvard University

Assistant Professor of Art

Karen H. Johnson A.B., Radcliffe College
Instructor in Economics

Roger Alan Johnson B.A., Northwestern University;
B.D., Yale University; Th.D., Harvard University

Associate Professor of Religion and Biblical
Studies

Barbara J. Jordan B.S., Colorado State University;
M.Ed., University of Maine

Instructor in Physical Education

Marion R. Just B.A., Barnard College; M.A.,
Johns Hopkins University; Ph.D., Columbia University

Assistant Professor of Political Science

Diana C. Kamilli B.A., Vassar College; M.S.,
Ph.D., Rutgers University

Assistant Professor of Geology

Rena Karefa-Smart³ B.Ed., Central Connecticut State College;
M.A., Drew University;
B.D., Yale University

Lecturer in Religion and Biblical Studies

Thomas Forrest Kelly A.B., University of North Carolina;
A.M., Harvard University

Instructor in Music

Nancy Harrison Kolodny B.A., Wellesley College;
Ph.D., Massachusetts Institute of Technology

Assistant Professor of Chemistry

Dean of the Class of 1976

Eric W. Kurtz A.B., Harvard College; M.A.,
Ph.D., Yale University

Assistant Professor of English

Helen F. Ladd³ B.A., Wellesley College; M.S.,
London School of Economics; A.M., Harvard University

Instructor in Economics

Germaine Lafeuille Dipl. E.S., Agrégée des Lettres,
University of Paris; Ph.D., Radcliffe College

Andrew W. Mellon Foundation

Professor in the Humanities

Hubert Weldon Lamb A.B., Harvard College;
Honorary Degree: D.Mus., New England Conservatory of Music

Hamilton C. Macdougall Professor of Music

Nathaniel Larrabee II B.A., Trinity College;
B.F.A., M.F.A., Boston University

Resident Artist

Beverly Joseph Layman B.A., Roanoke College;
M.A., University of Virginia; A.M., Ph.D., Harvard University

Professor of English

Mary Rosenthal Lefkowitz^a B.A., Wellesley College;
A.M., Ph.D., Radcliffe College

Associate Professor of Greek and Latin

Katherine Lever B.A., Swarthmore College;
M.A., Ph.D., Bryn Mawr College

Professor of English

Michael Lieber B.A., University of Chicago;
M.A., Yale University

Instructor in Sociology and Anthropology

Sandi Lieu³ B.S., Lehigh University

Teaching Assistant in Physics

Helen Chu-Yu Tai Lin B.S., National Taiwan University

Associate Professor of Chinese on the Edith Stix Wasserman Foundation

Eva Linfield^a

Instructor in Recorder

Assistant to The Collegium Musicum

Nicholas Linfield^a B.A., Worcester College; Ph.D., University of Texas

Assistant Professor of English

James Herbert Loehlin B.A., College of Wooster; Ph.D., Massachusetts Institute of Technology

Associate Professor of Chemistry

Stephen D. London^a B.A., Bowdoin College; Ph.D., University of Chicago

Assistant Professor of Sociology

Gabriel H. Lovett B.A., M.A., Ph.D., New York University

Professor of Spanish

Irina Borisova-Morosova Lynch A.M., Ph.D., Radcliffe College

Professor of Russian

Carolyn Hope Magid B.A., Wellesley College
Instructor in Philosophy

Elisabeth Deberdt Malaquais Lic.-es-Lettres, University of Paris; Ph.D., Columbia University

Assistant Professor of French

William Patrick Mangin B.A., Syracuse University; Ph.D., Yale University

Professor of Anthropology, Syracuse University

Mary Whitin Calkins Visiting Professor of Sociology and Anthropology

Miranda Constant Marvin B.A., Bryn Mawr College

Instructor in Art and in Greek and Latin

Mariot A. F. Matthews³ A.B., Radcliffe College
Instructor in Art

Mbelolo ya Mpiku Lic. en Philosophie et Lettres, Agrégé, University of Liège

Instructor in French

Florence McCulloch B.A., Vassar College; M.A., Ph.D., University of North Carolina

Professor of French

Eleanor Lee McLaughlin³ B.A., Wellesley College; A.M., Radcliffe College; Ph.D., Harvard University

Assistant Professor of History

Jeanette McPherrin B.A., Scripps College; M.A., Claremont College

Lecturer in French

Dean of Foreign Study

Philippe F. Michelot Agrégé d'Anglais, University of Paris

Maitre-Assistant, University of Clermont-Ferrand

Visiting Lecturer in French

Linda B. Miller A.B., Radcliffe College; M.A., Ph.D., Columbia University

Associate Professor of Political Science

Vicki E. Mistacco B.A., New York University; M.A., Middlebury College; M.Phil., Ph.D., Yale University

Assistant Professor of French

Margaret Ann Mitchell B.S., Kentucky State College; M.S., Indiana University

Instructor in Physical Education

Kenworth W. Moffett^a B.A., Columbia College; A.M., Ph.D., Harvard University

Associate Professor of Art

Bernard G. Moran B.Mus., Boston University
Instructor in French Horn

Rodney Morrison^a B.S., M.A., Boston College; M.S., Ph.D., University of Wisconsin

Associate Professor of Economics

Phyllis Moss Diploma, Curtis Institute of Music

Instructor in Piano

Rose Moss¹ B.A., English Honors Degree,
University of Natal
Lecturer in English

M. Lucetta Mowry B.A., Wilson College; M.A.,
Presbyterian College of Christian Education;
B.D., Ph.D., Yale University; Honorary De-
gree: L.H.D., Wilson College
Professor of Religion and Biblical Studies

Carol E. Mueller B.A., University of California
(Berkeley); M.A., Rutgers University; Ph.D.,
Cornell University
Assistant Professor of Sociology

Barbara F. Muise A.B., Bates College; M.A.,
Smith College
Laboratory Instructor in Biological Sciences

Paul Glenn Munyon A.B., Westmar College;
A.M., Harvard University
Instructor in Economics

David L. Myers B.A., Oberlin College; Ph.D.,
Massachusetts Institute of Technology
Assistant Professor of Mathematics

Mary J. Naus B.A., University of Wisconsin;
M.S., Princeton University
Instructor in Psychology

Barbara W. Newell B.A., Vassar College;
M.A., Ph.D., University of Wisconsin
Professor of Economics
President of Wellesley College

Madeline T. Nold B.A., M.A., Sarah Lawrence
College
Instructor in Religion and Biblical Studies

Torsten Norvig² B.S., University of Copen-
hagen; M.Sc., Ph.D., Brown University
Associate Professor of Mathematics

Lola Odiaga B.S., M.S., Juilliard School of
Music; M.Mus., Yale School of Music
Instructor in Harpsichord

Hazel F. O'Donnell B.Mus., M.Mus., Boston
University
Instructor in Voice

Virginia Onderdonk² B.A., Wellesley College
Alice Freeman Palmer Professor of
Philosophy

Helen Ann Padykula B.S., University of Mas-
sachusetts; M.A., Mount Holyoke College;
Ph.D., Radcliffe College
Professor in the Laboratory of Electron
Microscopy

Nell E. I. Painter³ B.A., University of Cali-
fornia (Berkeley); M.A., University of Cali-
fornia (Los Angeles)
Instructor in History

Louise Came Pappoutsakis
Instructor in Harp

Roger C. Park³ A.B., J.D., Harvard University
Lecturer in Political Science

Jennifer A. Parks B.S., Wayne State Univer-
sity; M.S., State University of New York
(Cortland)
Instructor in Physical Education

Susan Dunn Parsons³ B.A., Smith College;
A.M., Harvard University
Instructor in French

David Nolte Patterson B.A., Washington Uni-
versity; A.M., Harvard University
Instructor in Music

Philip Monford Phibbs B.A., Washington
State University; M.A., Ph.D., University of
Chicago
Associate Professor of Political Science
Executive Vice President

Barry Phillips B.A., Oberlin College; M.A.,
Ph.D., University of Connecticut
Assistant Professor of English

Robert Pinsky B.A., Rutgers University; M.A.,
Ph.D., Stanford University
Assistant Professor of English

Ayrton Pinto B.Mus., Brazilian Conservatory
of Music; M.Mus., Artist's Diploma, New
England Conservatory of Music
Instructor in Violin

Isabelle C. Plaster B.A., Wellesley College;
M.Mus., New England Conservatory of Music
Instructor in Bassoon
Assistant in Chamber Music

Elinor Preble B.Mus., New England Conservatory of Music
Instructor in Flute

Virginia Fleming Prettyman B.A., Agnes Scott College; Ph.D., Yale University
Professor of English

Kathryn Lee Conway Preyer B.A., Goucher College; M.A., Ph.D., University of Wisconsin
Professor of History

Herbert Propper³ B.S., Massachusetts Institute of Technology; M.A., Stanford University; M.A., Sarah Lawrence College
Lecturer in Theatre Studies

Ruth Anna Putnam B.S., Ph.D., University of California (Los Angeles)
Associate Professor of Philosophy

Patrick Francis Quinn^a B.A., M.A., University of Wisconsin; Ph.D., Columbia University
Professor of English

Daniel L. Racine Lic.-es-Lettres, Dipl. E.S., Sorbonne
Lecturer in French

James Wilson Rayen B.A., B.F.A., M.F.A., Yale University
Associate Professor of Art

Peter L. Renz B.A., Reed College; M.A., University of Pennsylvania; M.S., Ph.D., University of Washington
Assistant Professor of Mathematics

Alice Birmingham Robinson B.A., Wellesley College; A.M., Ph.D., Radcliffe College
Professor of History

Leo Robinson^a B.A., Howard University; M.F.A., Cranbrook Academy of Art
Resident Artist

Elizabeth Jane Rock B.S., College of Mount St. Vincent; M.A., Smith College; Ph.D., Pennsylvania State University
Arthur J. and Nellie Z. Cohen Professor of Chemistry

Nancy Joyce Roth B.Mus., M.Mus., New England Conservatory of Music
Instructor of Early Wind Instruments
Assistant to The Collegium Musicum

Norton M. Rubenstein B.S., M.S., University of Alabama; Ph.D., Ohio State University
Assistant Professor of Biological Sciences

Justina Ruiz-De-Conde Bachillerato Instituto Cardenal Cisneros (Madrid); Lic. en Derecho, University of Madrid; A.M., Ph.D., Radcliffe College
Professor of Spanish

Margery Sabin A.B., Radcliffe College; A.M., Ph.D., Harvard University
Assistant Professor of English

Marina Sanson³ A.E., University of Buenos Aires; M.A., Middlebury College
Lecturer in Spanish

H. Paul Santmire A.B., Harvard College; B.D., The Lutheran Theological Seminary; Th.D., Harvard University
Lecturer in Religion and Biblical Studies
Chaplain

Alan Henry Schechter^a B.A., Amherst College; Ph.D., Columbia University
Associate Professor of Political Science

Alice Turner Schafer B.A., University of Richmond; S.M., Ph.D., University of Chicago; Honorary Degree: D.Sc., University of Richmond
Helen Day Gould Professor of Mathematics

R. Steven Schiavo B.A., Lehigh University; Ph.D., Columbia University
Assistant Professor of Psychology

Allen I. Schiffenbauer B.A., Brooklyn College; Ph.D., Stanford University
Assistant Professor of Psychology

Melvyn Schnall B.S., Union College; M.A., Ph.D., Clark University

Associate Professor of Psychology

William R. Scott B.A., Lincoln University; M.A., Howard University; M.A., Ph.D., Princeton University

Assistant Professor of History

Director of Black Studies

Curtis Howard Shell M.A., Stanford University; Ph.D., Harvard University

Class of 1919 Professor of Art

Elise B. Shevenell B.S., Skidmore College

Instructor in Physical Education

Annemarie Anrod Shimony^a B.A., Northwestern University; Ph.D., Yale University

Associate Professor of Sociology and Anthropology

Stefan Shrier B.S., M.S., Columbia University

Instructor in Computer Science

Henry G. Shue B.A., Davidson College; M.A., Ph.D., Princeton University

Assistant Professor of Philosophy

Frederic W. Shultz B.S., California Institute of Technology; Ph.D., University of Wisconsin

Assistant Professor of Mathematics

Myra J. Siff B.A., M.A., Brandeis University

Instructor in Religion and Biblical Studies

Peter W. Sipple B.A., Yale College; M.A.T., Harvard University; M.A., Graduate Theological Union; Ph.D., University of California (Berkeley)

Assistant Professor of Education

Martin E. Sleeper B.A., Williams College; M.A.T., Ed.D., Harvard University

Assistant Professor of Education

Tatyana P. Sloane^a B.A., Moscow Pedagogical Institute of Foreign Languages; M.A., State University of New York (Albany)

Instructor in Russian

Zdenek Slouka^a M.A., New York University; Ph.D., Masaryk University; Ph.D., Columbia University

Barnette Miller Visiting Professor of Political Science

Hopkinson Smith L.T.C.L., Trinity College of Music, London

Instructor in Guitar and Lute

Assistant to The Collegium Musicum

Susan M. Smith B.Sc., M.Sc., University of British Columbia; Ph.D., University of Washington

Assistant Professor of Biological Sciences

S. L. Sokoloff B.F.A., M.F.A., Boston University

Resident Artist

Patricia Meyer Spacks B.A., Rollins College; M.A., Yale University; Ph.D., University of California (Berkeley)

Professor of English

Betty Spears B.S., Purdue University; M.S., Wellesley College; Ph.D., New York University

Professor of Physical Education

Louis Speyer

Instructor in Oboe and English Horn

Ingrid Hess Stadler B.A., Vassar College; A.M., Ph.D., Radcliffe College

Associate Professor of Philosophy

George John Stambolian^a B.A., Dartmouth College; M.A., Ph.D., University of Wisconsin

Assistant Professor of French

Ann Kathryn Stehney A.B., Bryn Mawr College; M.A., Ph.D., State University of New York (Stony Brook)

Assistant Professor of Mathematics

Edward A. Stettner B.A., Brown University; M.A., Ph.D., Princeton University

Assistant Professor of Political Science

Elizabeth Mruk Stevens B.Mus., Oberlin Conservatory of Music; M.Mus., University of Illinois

Instructor in Piano

John F. Stevenson A.B., University of Rochester

Instructor in Psychology

Irene Rita Pierce Stiver³ B.A., Brooklyn College; M.A., Ph.D., Cornell University

Lecturer in Psychology

Bartlett Hicks Stoodley B.A., Dartmouth College; A.M., LL.B., Ph.D., Harvard University
Professor of Sociology

Owen Scott Stratton B.A., Reed College; M.A., Ph.D., Stanford University

Ralph Emerson Professor of Political Science

Robert C. Stuart Diploma, New England Conservatory of Music

Instructor in Clarinet

Marcia Stubbs B.A., M.A., University of Michigan

Lecturer in English

Frank Cochran Taylor II B.A., Yale University
Instructor in Organ

Harriet G. Tolpin³ B.A., Wellesley College
Instructor in Economics

Alice E. Trexler B.S., New York University; M.A., Columbia University

Assistant Professor of Physical Education

Harold Young Vanderpool A.B., Harding College; A.M., Abilene Christian College; S.T.B., Ph.D., Harvard University

Assistant Professor of Religion and Biblical Studies

Mary Crowley Vivian A.B., Radcliffe College
Instructor in Organ

Alice Walker³ B.A., Sarah Lawrence College
Lecturer in English

Richard William Wallace B.A., Williams College; M.F.A., Ph.D., Princeton University
Associate Professor of Art

Margaret Ellen Ward B.A., Wilson College; M.A., Indiana University
Instructor in German

Eleanor Rudd Webster B.A., Wellesley College; M.A., Mount Holyoke College; A.M., Ph.D., Radcliffe College
Professor of Chemistry

Ruth P. Weinreb B.A., University of Michigan; M.A., Ph.D., Columbia University
Assistant Professor of French

Dorothea Jane Widmayer B.A., M.A., Wellesley College; Ph.D., Indiana University
Associate Professor of Biological Sciences

Bonnie E. Wiencke B.S., Springfield College; M.A., University of Wisconsin
Instructor in Physical Education

Howard J. Wilcox B.A., Hamilton College; Ph.D., University of Rochester
Associate Professor of Mathematics

Daniel J. Windham³ B.Mus., New England Conservatory of Music
Lecturer in Music

Monica Yu B.A., National Taiwan University; M.A., Indiana University
Lecturer in Chinese on the Edith Stix Wasserman Foundation

Alfred Zighera
Instructor in Violin and Cello

Claire Zimmerman B.A., Wellesley College; Ph.D., Radcliffe College
Professor of Psychology

ADMINISTRATION

Office of the President

Barbara W. Newell Ph.D.
President
Professor of Economics

Philip Monford Phibbs Ph.D.
Executive Vice President
Associate Professor of Political Science

Doris E. Drescher B.S.
Secretary to the President
Clerk of the Board of Trustees

Anne S. Wood B.A.
Administrative Assistant

College Information Services

Suzanne Noble Gordon
Director

Carolyn Harmon Scott
Assistant Director

Rosemarie Matthees Cummings
Assistant Director for Publications

Special Events

Margaret Galloway Lafferty B.A.
Coordinator

Centennial Office

Nancy Adler Lewis, B.A.
Coordinator

Office of the Dean of the College

Robert E. Garis Ph.D.
Acting Dean of the College
Katherine Lee Bates Professor
of English

Maud H. Chaplin Ph.D.
Dean of Studies
Dean of the Class of 1973
Assistant Professor of History

Doris Holmes Eyges M.A.
Dean of the Class of 1974
Lecturer in English

Joan Barker Melvin Ph.D.
Dean of the Class of 1975

Nancy H. Kolodny Ph.D.
Dean of the Class of 1976
Assistant Professor of Chemistry

Jeanette McPherrin M.A.
Dean of Foreign Study
Lecturer in French

Gwenyth Morgan Rhome M.A.
Recorder

Betty Lou Nitchie Marple Ed.M.
Director of Continuing Education

Diane Hallen Flasar B.A.
Administrative Assistant to the Dean of the College

Florence Carlson
Audiovisual Coordinator
Supervisor of the Language Laboratory

Helen Falkson B.A.
Exchange Coordinator

Carol Gebelein Cavanagh B.A.
Administrative Assistant to the Dean of Studies

Eleanor Witten
Administrative Assistant to the Recorder

Library

Helen Margaret Brown B.A., B.S., M.S.
Librarian

Edith Shapero Alpers B.A., M.S.
Senior Cataloguer

Tomira Buxell B.A., LL.M., M.S.
Senior Cataloguer in Reclassification

Elizabeth Simmons Cookson B.A., M.S.
Technical Services Librarian

Marian Parry Feld B.A.
Visiting Specialist in Book Arts

Ann Millicent Greene B.S. in Ed., M.S.
Serials Librarian

Eleanor Adams Gustafson B.S., M.S.
Associate Librarian, Technical Services

Marion Elizabeth Kanaly B.A., B.S., M.A.
Associate Librarian, Readers' Services

Claire T. Loranz B.A., M.S.
Documents Librarian

Winifred Evelyn Eaves Lemaitre B.A., B.L.S.
Cataloguer

Eleanor Louise Nicholes A.B., M.S., Ph.D.
Special Collections Librarian

Iola Corliss Scheufele
Administrative Assistant, Acquisitions Department

Joan Stockard B.A., M.S.
Reference Librarian

Helen Mary Walker B.A., M.S.
Cataloguer

Mary W. Wallace B.A., M.S.
Music Librarian

Student Services

Susan R. Fedo M.A.
Coordinator, Student Services
Director, Schneider College Center

Stephen J. Nelson M.A.R.
Assistant Director, Schneider College Center

Arline S. Tyler M.A.
Director, Harambee House

Joan Nathanson B.A.
Advisor, Slater International Center

Alice M. Roodkowsky
Administrative Assistant, Student Services

College Health Services

Thomas F. Keighley, Jr. M.D.
Director of Health Services

Elizabeth Veeder M.D.
Associate Physician

Gertrude E. Murray M.D.
Associate Physician

Asha Wallace M.D.
Associate Physician

Harold Dixon Stalvey M.D.
Consulting Psychiatrist

Jeannette Hatfield Corwin M.D.
Associate Consulting Psychiatrist

Lionel Abbott Schwartz M.D.
Associate Consulting Psychiatrist

Counseling Office

Carol F. Baird Ph.D.
Director of the Counseling Office
Clinical Psychologist

Donald L. Polk M.S.W.
Human Relations Consultant

Chaplaincy

The Rev. H. Paul Santmire Th.D.
Chaplain
Lecturer in Religion and Biblical Studies

Residence

Ellen Thompson M.S.W.
Director of Residence
Head of Stone and Davis Halls

Johannah Bryant
Head of Shafer Hall

Sarah K. Ellinwood
Head of Pomeroy Hall

Honoria Brooke Gillespie
Head of Tower Court
Residence Administrator

Mozelle D. King B.A.
Head of McAfee Hall

Donna McCutcheon M.Ed.
Head of Munger Hall

Fursiya Plummer
Head of Bates Hall

Susan B. Preston M.A.T.
Head of Freeman Hall

Dena Ribert
Head of Cazenove Hall

Janet W. Shaw
Head of Beebe Hall

Elizabeth Thompson B.A.
Head of Severance Hall
Residence Administrator

Margaret G. Tregenza B.S.
Head of Claflin Hall

Office of Admission

Mary Ellen Ames B.A.
Director

Elizabeth M. Chandler B.A.
Assistant Director

Marilyn Kimball M.A.
Assistant Director

Margaret O. Rose B.A.
Assistant Director

Wendy N. Munyon B.A.
Assistant to the Director

Judith E. Farris B.A.
Admission Field Representative

Jo-Ann D. Wyke B.A.
Admission Field Representative

Florence L. Washington
Administrative Assistant to the Director

Office of Financial Aid

Amelia Botsaris Nychis M.A.
Financial Aid Officer

Office of Career Services

Joan Fiss Bishop M.A.
Director

Elfriede C. MacLaurin B.A.
Student Employment Counselor

Nancy D. Pratt M.A.
Career Services Counselor

Sue Ellen Scrogin B.A.
Resources Specialist

Diane Speare M.Ed.
Resources Specialist

Office of the Vice President for Business Affairs

Joseph Kiebal, Jr. M.A.
Vice President for Business Affairs

Harry Bertram Jones
Controller

Robert Todd Pratt M.A.
Director of Personnel

Albert M. Coffey, Jr. B.S.
Director, Physical Plant

John Louis Lelievre
Director, Purchasing

Elizabeth Cornwall B.S.
Director, Food Services

Richard P. Companion M.B.A.
Director, Systems and Data Processing

William L. Biggart, Jr.
Manager, Duplicating Services

Charles C. Wallace B.S.
Manager, The Wellesley College Club

Mary H. Farnham
Manager, College Post Office

Office of the Vice President for Resources

Albert E. Holland M.A., LL.D. (Hon.)
Vice President for Resources

Mary Johnson Butler B.A.
Associate Director for Resources

Phyllis Shapiro Fanger M.Ed.
Associate Director for Resources

Joseph M. Hobbs B.S.
Assistant Director for Resources

Faith Clough Degenhart M.R.E.
Assistant Director for Resources



ALUMNAE INTERESTS

Wellesley College Alumnae Association Board of Directors

President

Mrs. George J. Hauptfuhrer, Jr.
1700 Old Welsh Road
Huntingdon Valley, Pa. 19006

First Vice President

Mrs. Bellenden R. Hutcheson
2 Louisburg Square
Boston, Mass. 02108

Second Vice President

Mrs. Camilla C. Spear
470 Columbia Circle
Pasadena, Cal. 91105

Secretary

Mrs. John R. Dyar
7141 Huntington Road
Indianapolis, Ind. 46240

Treasurer

Mrs. Herbert H. Goldberger
49 Edge Hill Road
Chestnut Hill, Mass. 02167

Chairman, Campus

Mrs. Lawrence D. Bragg, Jr.
2 Sagamore Road
Wellesley Hills, Mass. 02181

Chairman, Class Officers

Mrs. Kennard E. Voyles
7425 Brushmore N.W.
North Canton, Ohio 44720

Chairman, Class Representatives

Miss Janet L. Sloan
2906 Woodbury Road
Shaker Heights, Ohio 44120

Chairman, Clubs

Mrs. Morton P. Iler
116 Spoonwood Road
Wilton, Conn. 06897

Chairman, Publications

Mrs. Roger T. Hayden
118 Bellevue Avenue
Melrose, Mass. 02176

Alumnae Executive Director

Mrs. Vance N. Morgan, ex officio
Wellesley College

Editor, Wellesley Alumnae Magazine

Miss Mary C. Lyons, ex officio
Wellesley College

Alumnae Trustees

Mrs. Haskell Cohn (1968-1974)
Brookline, Mass.

Mrs. Richard R. Green (1970-1976)
Shaker Heights, Ohio

Betsy Ancker-Johnson (1971-1977)
(Mrs. Harold Hunt Johnson)
Seattle, Wash.

Mrs. John D. Anderson (1972-1978)
Golden, Colo.

Miss Lee Diane Flournoy (1971-1974)
Brookline, Mass.

National Development Fund Committee

Chairman

Mrs. James M. Kemper, Jr.
6612 Wyoming
Kansas City, Mo. 64113

Chairman of Geographic Representatives

Mrs. Edwin F. Sherman, Jr.
Westover Drive
Roxboro, N.C. 27573

Chairman of Class Representatives

Miss Janet Sloan
2906 Woodbury Road
Shaker Heights, Ohio 44120

Chairman of Clubs

Mrs. Morton P. Iler
116 Spoonwood Road
Wilton, Conn. 06897

Chairman of Bequests

Mrs. David W. Gaiser
W. 612 Summer Avenue
Spokane, Wash. 99204

Trustee Members

Mrs. Morse Johnson
9 Far Hills Drive
Cincinnati, Ohio 45208

Mrs. Lewis Rumford, II
4401 Greenway
Baltimore, Md. 21218

Mrs. Robert N. West
Mount Holly Road
R.D. #1
Katonah, N.Y. 10536

Members at Large

Mrs. Stanley Feldberg
9 Monadnock Road
Wellesley Hills, Mass. 02181

Mrs. Robert D. Kestnbaum
442 West Wellington Avenue
Chicago, Ill. 60657

Secretary

Miss Karen D. Hunzicker
1248 Stratford Road
Kansas City, Mo. 64113

President of the College

Mrs. Barbara W. Newell, ex officio

Vice President for Resources and Director of the Development Fund

Albert E. Holland, ex officio

Associate Director for Resources

Mrs. E. Eric Butler, ex officio

Assistant Director for Resources

Joseph M. Hobbs, ex officio

GIFTS TO WELLESLEY

Wellesley has deep gratitude for the gifts of alumnae, friends and parents without whose support it could not maintain its standards of excellence. The College welcomes outright gifts of cash, gifts of securities and gifts of other property. The College provides income for life to donors who invest in either an Annuity or a Life Income Plan.

Forms of Bequests

An unrestricted bequest to Wellesley may be worded:

"I give to Wellesley College, Wellesley, Massachusetts, the sum of dollars."

In the case of a bequest for a specific purpose, it is wise to allow considerable latitude in the use of any fund, so that changing conditions will not impair the usefulness of the gift. Thus, such a bequest may be expressed:

"I give to Wellesley College, Wellesley, Massachusetts, the sum of dollars, the income only to be used for (here describe the purpose in as broad and simple terms as possible, as for example, faculty salaries or scholarships)." The more limited the use, the more important it is to add a provision such as, "If, in the future, the Trustees of the College determine that the Bequest is no longer needed for the purpose for which it was bequeathed, they may use it to meet other needs of the College, but the name of the Fund will always remain in Wellesley's records."

A residuary bequest to Wellesley may read as follows:

"All the rest, residue and remainder of my real and personal estate, I give to Wellesley College, Wellesley, Massachusetts."



Index

— 115 —



INDEX

Academic calendar, 3
Academic distinctions, 58-59
Academic standards, 54
Administration, 251-254
Admission, 15-20
 application for, 16
 campus visit, 4, 17
 College Entrance Examination Board tests, 17-18
 criteria for, 15-16
 general requirements for freshman applicants, 16
 graduate students, 20
 interview, 16
 plans, 19
 students from other countries, 19, 20
 transfer students, 20
Advanced placement, credit for, 55-56
Alumnae, 255-256
 Association, Board of Directors, 255-256
 trustees, 256
 National Development Fund Committee, 256
Anthropology courses, 203-208
Archaeology,
 classical, interdepartmental major, 225
Art courses, 65-74
Asian studies, individual major, 226-227
Astronomy courses, 75-77
Awards, 59

Bachelor of Arts degree, requirements for, 52-54
Biblical studies courses, 192-198

Biological sciences courses, 78-84
 molecular biology, interdepartmental major, 225
Black studies, interdepartmental major, 222-224
Buildings, see Campus

Calendar, 3
Campus, description of, 38-44
 map of, 46-47
Career, preparation for, 60-63
Career Services Office, 33-35
Chemistry courses, 85-89
 molecular biology, interdepartmental major, 225
Chinese courses, 90-92
Classical and Near Eastern archaeology,
 interdepartmental major, 225
Classical civilization, individual major, 228
College, history of, 13-14
College Entrance Examination Board tests, 17-18, 53
College Government, 14
Colloquia, freshman-sophomore, 234-235
Continuing education, 63
Correspondence, 4
Counseling, see Students, advising of
Courses of instruction, 64-235
Credit,
 for advanced placement examinations, 55-56
 for other academic work, 56
Cross-registration, Massachusetts Institute of Technology, 57
Curriculum, 51-235

- Degrees,
 - B.A., requirements for, 52-54
 - M.A., requirements for, 63
- Development, national committee, 256
- Dormitories, 31, 43
- Economics courses, 93-98
- Education courses, 99-102
- Employment, student, 33-35
- English courses, 103-112
- Enrollment, 36-37
- Examinations, 55
 - advanced placement, 55-56
 - exemption, 55
- Exchange Program, Twelve College, 57
- Extrdepartmental courses, 216-221
- Faculty, see Officers of instruction
- Fees and expenses, 21-25
 - plans of payment, 22-23
- Fellowships and graduate scholarships, 27-29
- Financial aid, 25-27
 - application for, 26
 - payments, 24
 - policy, 25-26
- Foreign students,
 - admission of, 20
 - countries, 37
- French courses, 113-118
- Freshman-sophomore colloquia, 57, 234-235
- Freshmen,
 - admission requirements, 16
 - orientation, 30
- Geology courses, 119-122
- German courses, 123-125
- Gifts and bequests, 257
- Grading, 55
- Graduate students, 20
 - fees, 22
 - fellowships and scholarships, 27-29
- Greek courses, 126-129
- Heads of house, 254
- Health, college services, 32-33
 - intirmary, 40
 - insurance, 24
- History courses, 133-147
- History of science courses, 218-219
- Honors in the major field, 58
- Individual majors, 226-233
- Individual study, 56-57, 58
- Insurance, 24
- Interdepartmental majors, 222-233
- Interview, 16
- Italian courses, 148-150
- Junior Year Abroad, 57-58
- Latin American studies, individual major, 228
- Latin courses, 129-132
- Leave of absence, 59
- Library, 41
- Loans, 25-26
- Major, 54
- Map of campus, 46-47
- Massachusetts Institute of Technology, cross-registration, 57
- Master of Arts degree, requirements for, 63
- Mathematics courses, 151-155
- Medical school, 62-63
- Molecular biology, interdepartmental major, 225
- Music courses, 156-161
- National Development Fund Committee, 256
- Officers of instruction, 239-250
- Orientation for freshmen, 30
- Parents' confidential statement, 27
- Phi Beta Kappa, 58
- Philosophy courses, 162-167
- Physical education,
 - courses, 168-170
 - facilities, 42
 - requirements, 170
- Physics courses, 171-174
- Political science courses, 175-184
- Presidents, list of, 9
- Prizes and awards, 59
- Psychology courses, 185-191
- Readmission, 60
- Refunds, 24-25

Registration, 30
Religion, 32
 and Biblical studies courses, 192-198
Required studies, 52-53
 exemption from, 56
Research, student, 56-57
 honors in the major field, 58
Residence, 31
 halls, 43
Russian courses, 199-202

Scholarships
 undergraduate, see Financial aid
 graduate, 27-29
Scholastic aptitude and achievement tests,
 17-18, 55-56
Secondary school preparation, 16
Sigma Xi, 58
Slater fellowships, 35, 60-61
Sociology and anthropology courses, 203-208
Spanish courses, 209-213
Sports facilities, see Campus
Student life, 30-44
Students
 academic summary, 36-37
 advising of, 31-32
 from other countries, 20, 37
 geographical distribution, 36-37

Students' Aid Society, 25
Study, abroad, 35, 57-58
Summer programs, 35-36
Supplementary education, 32

Teaching, student preparation for, 61-62
Theatre studies, courses, 214-215
 individual major, 232-233
Transfer students, admission of, 20
 orientation of, 30
Trustees, board of, 5-7
 scholarships, 58-59
Tuition, 21
 payments, 22-23
Twelve College Exchange Program, 57

United States studies, individual major, 229-231
Urban internship program, 35
Urban studies, individual major, 231-232

Visitors, 4

Waddell fellowships, 35
Washington internship program, 34
Withdrawal, 60

Photographs: Stanley Bauman, Chalue, Susi Curtis, Mark
Feldberg, Bradford Herzog, Ed Jenner, *Legenda*, Eric
Levenson, Mark Silber, Robert Spiegelman, Jaime Willimetz

Printer: Rapid Service Press
Printed on 100% recycled paper

Produced by the Wellesley College Office of Information
Services.

September 1972 25M

Bulletin of Wellesley College
Wellesley, Massachusetts
02181

Second-Class Postage paid
at Boston, Mass. and at
additional mailing offices.